

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052022\
 Data File : VY008921.D
 Acq On : 20 May 2022 22:53
 Operator : KP/MD
 Sample : VY0520SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0520SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/24/2022
 Supervised By : Mahesh Dadoda 05/24/2022

Quant Time: May 20 23:56:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	141094	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	235254	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	229238	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	126464	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	60992	42.002	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	84.000%		
35) Dibromofluoromethane	7.716	113	65435	44.729	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	89.460%		
50) Toluene-d8	10.179	98	212025	39.287	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	78.580%		
62) 4-Bromofluorobenzene	12.483	95	102273	46.978	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	93.960%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	25973	20.127	ug/l	99
3) Chloromethane	2.113	50	37527	20.298	ug/l	97
4) Vinyl Chloride	2.247	62	54247	19.805	ug/l	99
5) Bromomethane	2.631	94	63949	23.818	ug/l	99
6) Chloroethane	2.784	64	38420	19.800	ug/l	99
7) Trichlorofluoromethane	3.119	101	49239	21.169	ug/l	94
8) Diethyl Ether	3.528	74	15817	21.747	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.899	101	29788	20.837	ug/l	94
10) Methyl Iodide	4.088	142	27819	18.845	ug/l	91
11) Tert butyl alcohol	4.942	59	16545	112.328	ug/l #	94
12) 1,1-Dichloroethene	3.869	96	28106	21.179	ug/l	82
13) Acrolein	3.729	56	7466	153.995	ug/l	95
14) Allyl chloride	4.479	41	41161	20.581	ug/l #	87
15) Acrylonitrile	5.161	53	43867	107.720	ug/l	98
16) Acetone	3.942	43	33473	110.739	ug/l	96
17) Carbon Disulfide	4.186	76	88841	20.491	ug/l	97
18) Methyl Acetate	4.473	43	20882	22.185	ug/l #	91
19) Methyl tert-butyl Ether	5.222	73	84095	21.112	ug/l	99
20) Methylene Chloride	4.710	84	45114	22.236	ug/l	88
21) trans-1,2-Dichloroethene	5.216	96	34119	20.030	ug/l #	81
22) Diisopropyl ether	6.112	45	96886	20.164	ug/l #	94
23) Vinyl Acetate	6.058	43	320585	100.866	ug/l #	94
24) 1,1-Dichloroethane	6.009	63	59076	20.556	ug/l	97
25) 2-Butanone	6.984	43	56324	104.326	ug/l #	80
26) 2,2-Dichloropropane	6.978	77	52277	19.747	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	38944	20.282	ug/l	88
28) Bromochloromethane	7.332	49	20473	20.755	ug/l	89
29) Tetrahydrofuran	7.344	42	37201	101.439	ug/l #	83
30) Chloroform	7.502	83	63390	20.434	ug/l	99
31) Cyclohexane	7.777	56	55028	19.371	ug/l	90
32) 1,1,1-Trichloroethane	7.698	97	56965	20.240	ug/l	98
36) 1,1-Dichloropropene	7.917	75	48148	19.340	ug/l	98
37) Ethyl Acetate	7.070	43	25589	19.815	ug/l #	95
38) Carbon Tetrachloride	7.899	117	49788	19.117	ug/l	97
39) Methylcyclohexane	9.179	83	61877	19.255	ug/l	88
40) Benzene	8.161	78	141105	19.655	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	13549m	20.331	ug/l	
42) 1,2-Dichloroethane	8.234	62	42764	20.286	ug/l	93
43) Isopropyl Acetate	8.271	43	49390	20.568	ug/l #	91
44) Trichloroethene	8.935	130	38571	20.291	ug/l	100
45) 1,2-Dichloropropane	9.209	63	34779	20.176	ug/l	97
46) Dibromomethane	9.307	93	22622	20.639	ug/l	93
47) Bromodichloromethane	9.496	83	51313	20.484	ug/l	94
48) Methyl methacrylate	9.289	41	22114	20.624	ug/l #	81
49) 1,4-Dioxane	9.301	88	5779	394.413	ug/l #	87
51) 4-Methyl-2-Pentanone	10.069	43	136894	103.010	ug/l	92
52) Toluene	10.240	92	99381	19.809	ug/l	93
53) t-1,3-Dichloropropene	10.465	75	52555	19.757	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	57474	20.098	ug/l #	85
55) 1,1,2-Trichloroethane	10.642	97	30179	19.680	ug/l	99
56) Ethyl methacrylate	10.508	69	38179	19.474	ug/l	87
57) 1,3-Dichloropropane	10.788	76	51082	20.421	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.783	63	82980	97.832	ug/l	96
59) 2-Hexanone	10.831	43	95488	104.944	ug/l	91
60) Dibromochloromethane	10.984	129	36776	19.784	ug/l	99
61) 1,2-Dibromoethane	11.087	107	30438	20.031	ug/l	99
64) Tetrachloroethene	10.721	164	33767	20.237	ug/l	98
65) Chlorobenzene	11.514	112	106628	20.266	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	38070	19.760	ug/l	97
67) Ethyl Benzene	11.593	91	185313	19.544	ug/l	99
68) m/p-Xylenes	11.703	106	152521	39.624	ug/l	91
69) o-Xylene	12.026	106	71212	19.922	ug/l	89
70) Styrene	12.044	104	118441	19.268	ug/l	94
71) Bromoform	12.209	173	24396	19.102	ug/l #	98
73) Isopropylbenzene	12.331	105	186800	19.754	ug/l	100
74) N-amyl acetate	12.142	43	46246	21.197	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.581	83	40746	20.917	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	29331m	21.598	ug/l	
77) Bromobenzene	12.605	156	43964	20.056	ug/l	95
78) n-propylbenzene	12.672	91	232592	21.289	ug/l	99
79) 2-Chlorotoluene	12.758	91	127903	20.296	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	159746	20.155	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	13388	20.234	ug/l	86
82) 4-Chlorotoluene	12.855	91	135901	20.162	ug/l	95
83) tert-Butylbenzene	13.075	119	140042	19.915	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	159997	20.335	ug/l	97
85) sec-Butylbenzene	13.251	105	220310	20.477	ug/l	100
86) p-Isopropyltoluene	13.367	119	184003	20.509	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	95494	20.422	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	95143	20.253	ug/l	100
89) n-Butylbenzene	13.696	91	173612	21.152	ug/l	99
90) Hexachloroethane	13.959	117	34524	20.534	ug/l	84
91) 1,2-Dichlorobenzene	13.739	146	84394	20.446	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6068	20.064	ug/l	75
93) 1,2,4-Trichlorobenzene	15.007	180	45274	19.986	ug/l	98
94) Hexachlorobutadiene	15.111	225	25095	20.325	ug/l	98
95) Naphthalene	15.239	128	95302	20.942	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	39994	20.317	ug/l	98

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Quant Title : SW846 8260
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Response via : Initial Calibration

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

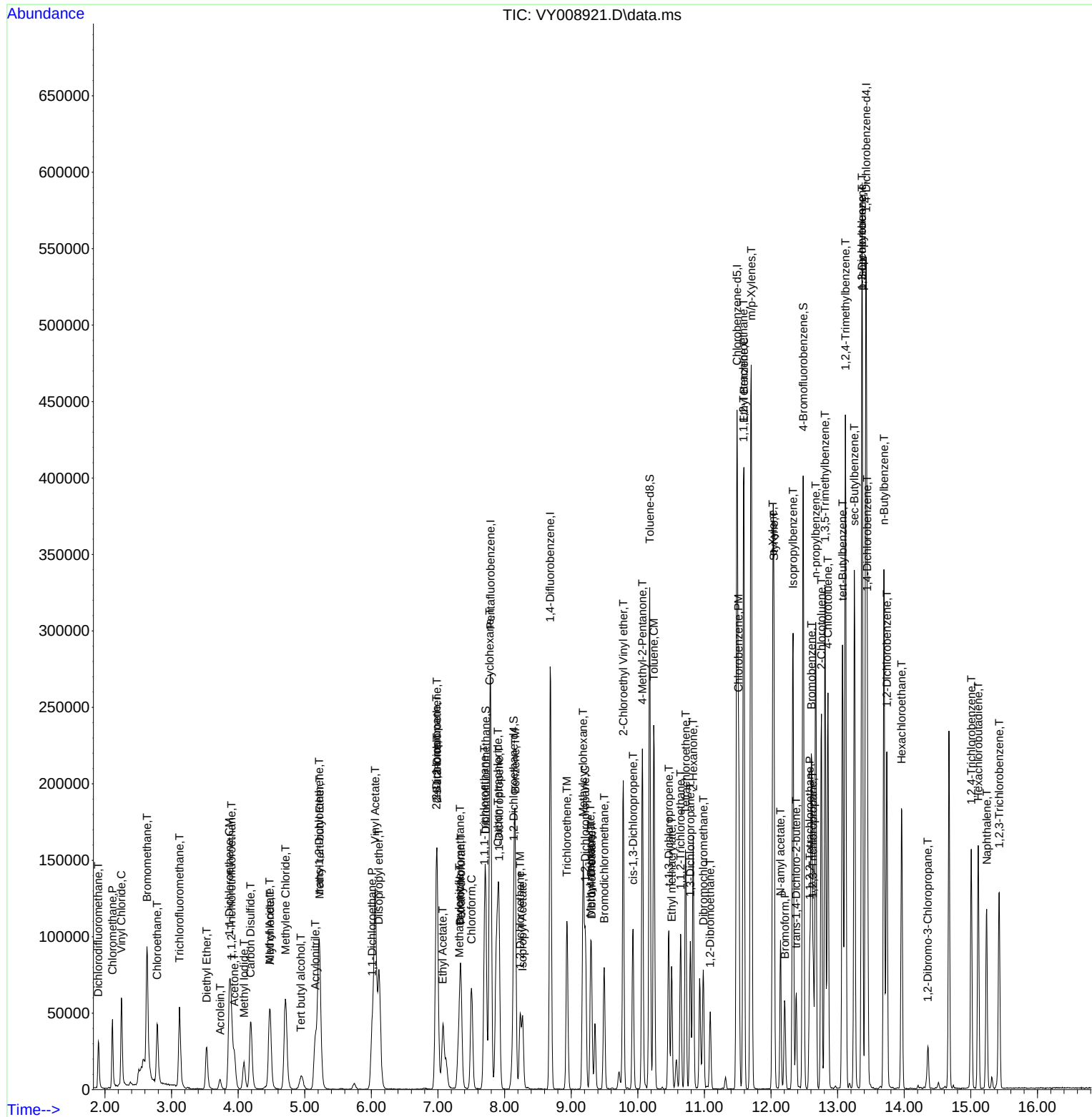
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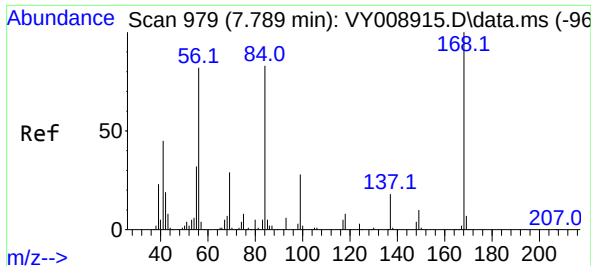
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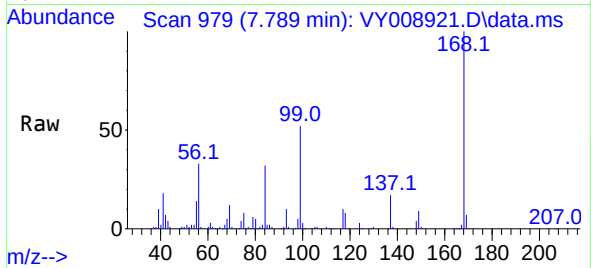
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008921.D
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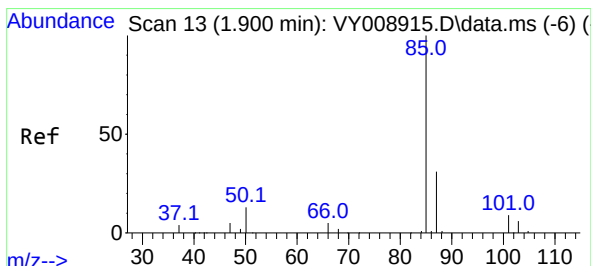
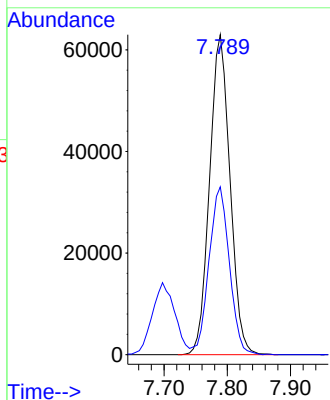
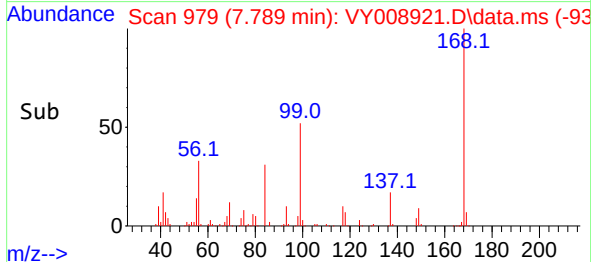
Instrument :
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ClientSampleId :
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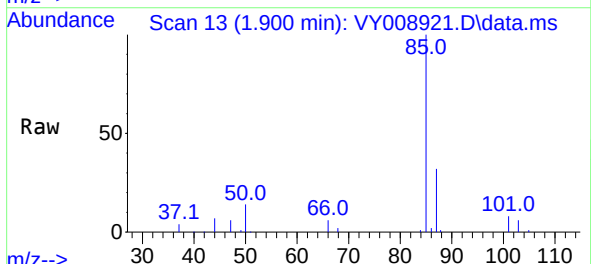
Tgt Ion:168 Resp: 141094
Ion Ratio Lower Upper
168 100
99 52.4 46.9 70.3

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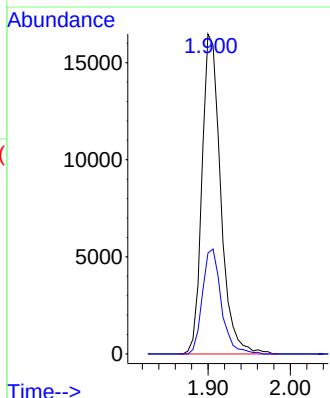
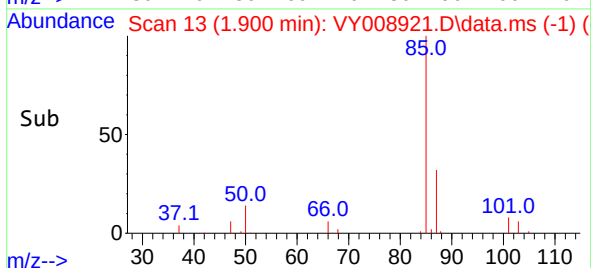
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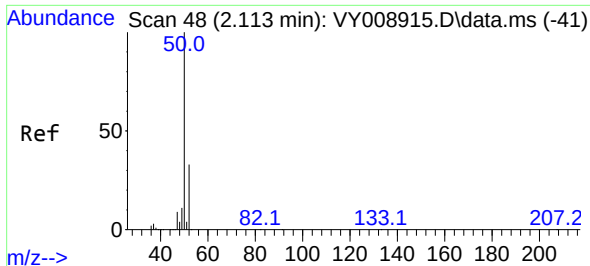


#2
Dichlorodifluoromethane
Concen: 20.127 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53



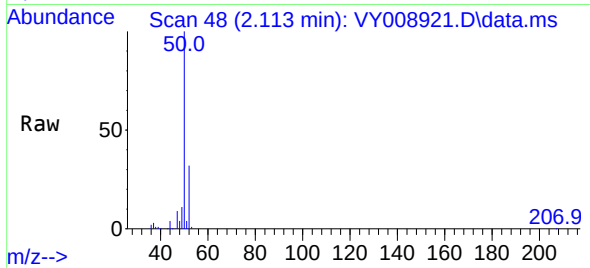
Tgt Ion: 85 Resp: 25973
Ion Ratio Lower Upper
85 100
87 31.6 16.1 48.2





#3
Chloromethane
Concen: 20.298 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

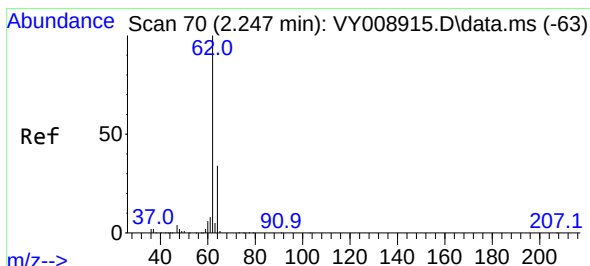
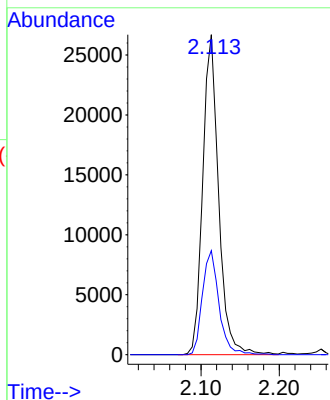
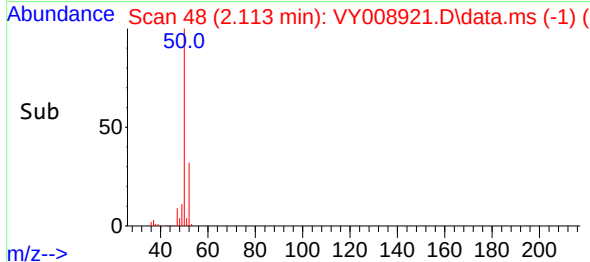
Instrument :
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ClientSampleId :
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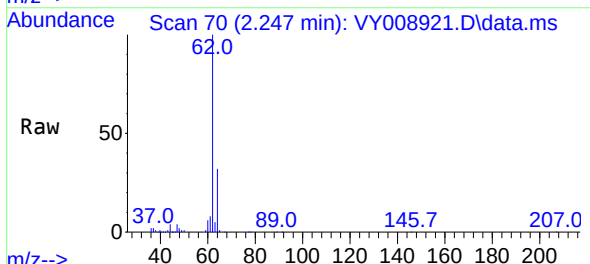
Tgt Ion: 50 Resp: 3752
Ion Ratio Lower Upper
50 100
52 32.5 24.6 37.0

Manual Integrations
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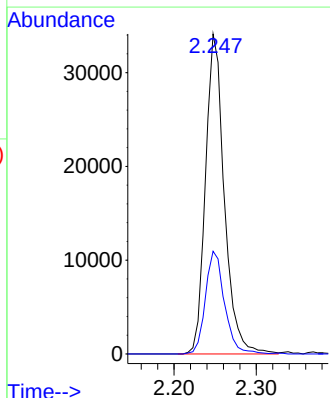
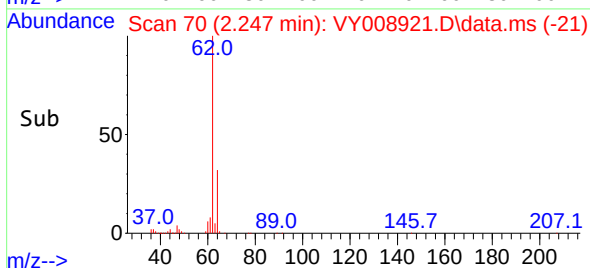
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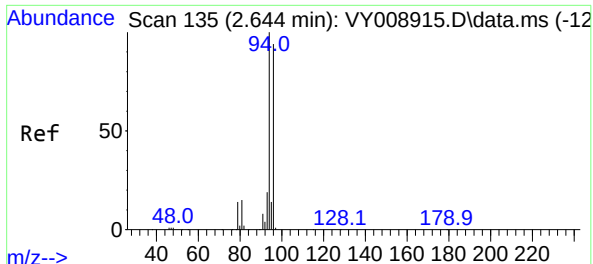


#4
Vinyl Chloride
Concen: 19.805 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53



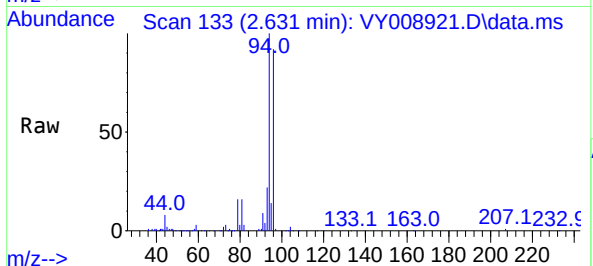
Tgt Ion: 62 Resp: 54247
Ion Ratio Lower Upper
62 100
64 32.1 25.0 37.6





#5
Bromomethane
Concen: 23.818 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.013 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

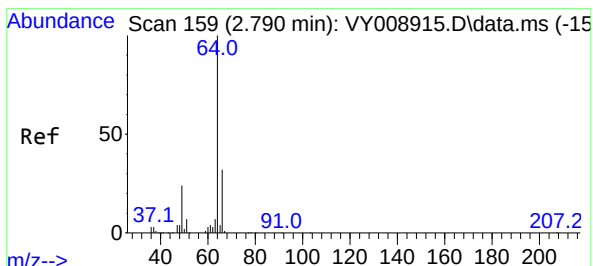
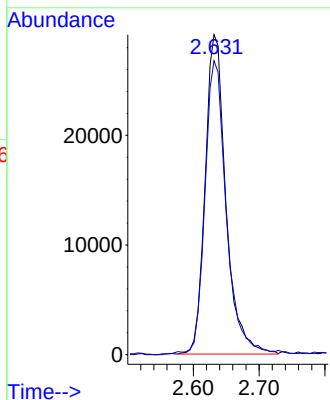
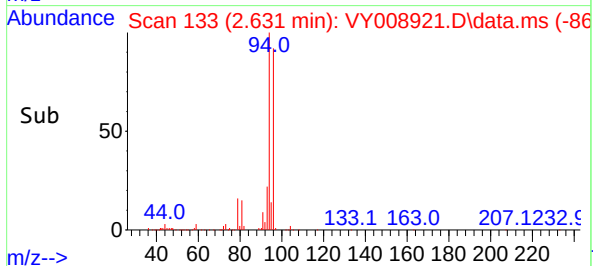
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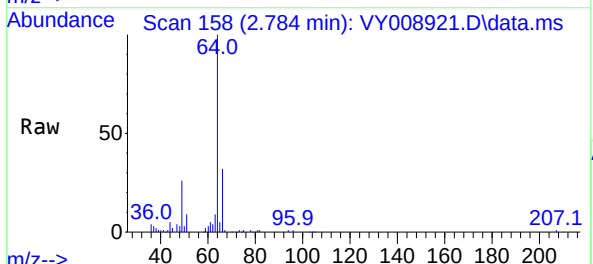
Tgt Ion: 94 Resp: 63949
Ion Ratio Lower Upper
94 100
96 91.1 73.5 110.3

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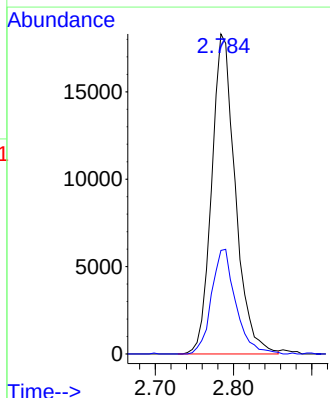
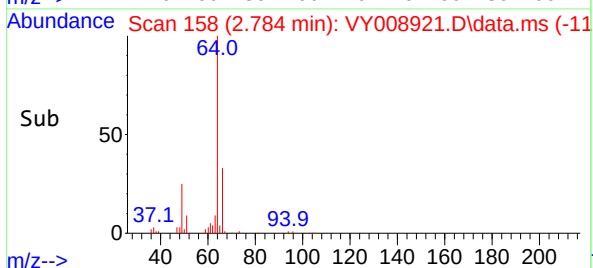
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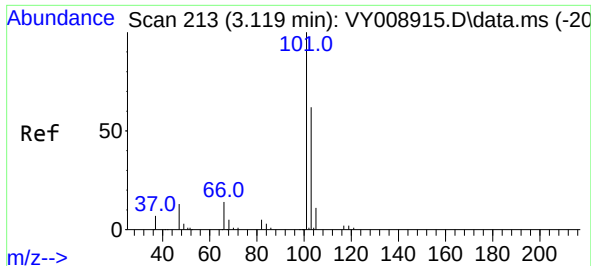


#6
Chloroethane
Concen: 19.800 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.006 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53



Tgt Ion: 64 Resp: 38420
Ion Ratio Lower Upper
64 100
66 32.4 25.4 38.0





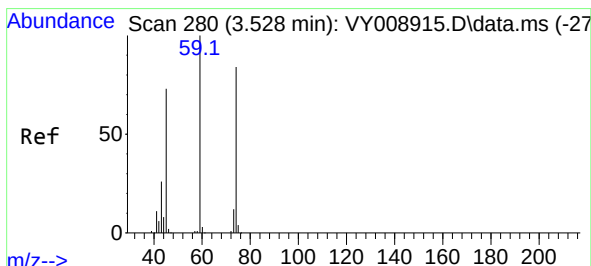
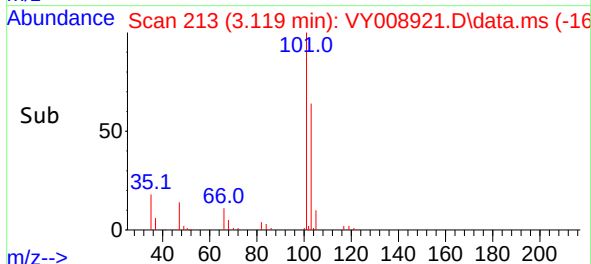
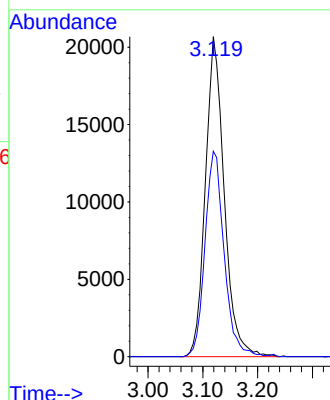
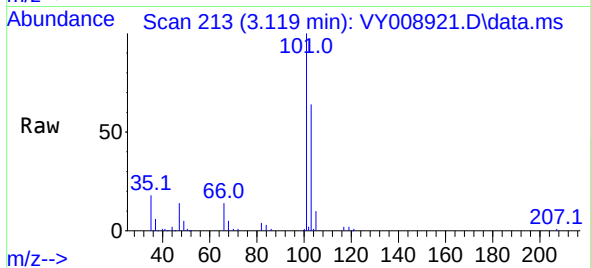
#7
Trichlorofluoromethane
Concen: 21.169 ug/l
RT: 3.119 min Scan# 213
Delta R.T. 0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBSD01

Tgt Ion:101 Resp: 49239
Ion Ratio Lower Upper
101 100
103 64.2 48.0 72.0

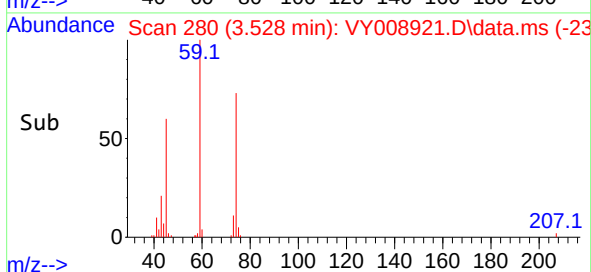
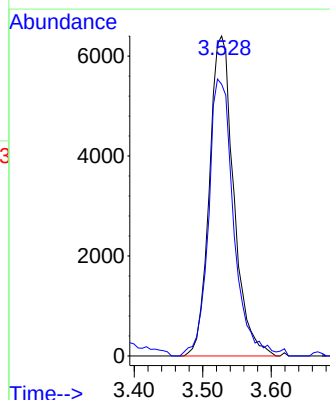
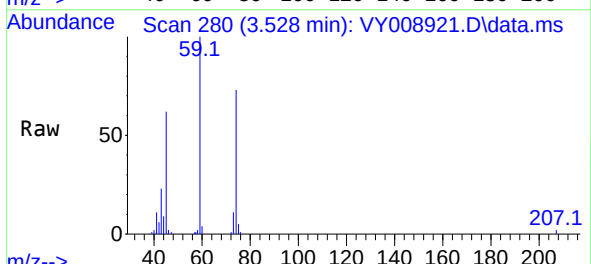
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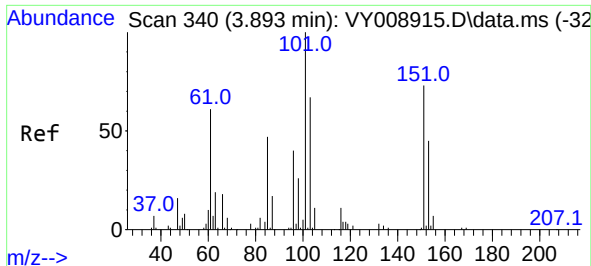
Reviewed By :John Carlone 05/24/2022
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#8
Diethyl Ether
Concen: 21.747 ug/l
RT: 3.528 min Scan# 280
Delta R.T. -0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

Tgt Ion: 74 Resp: 15817
Ion Ratio Lower Upper
74 100
45 88.7 55.1 165.5





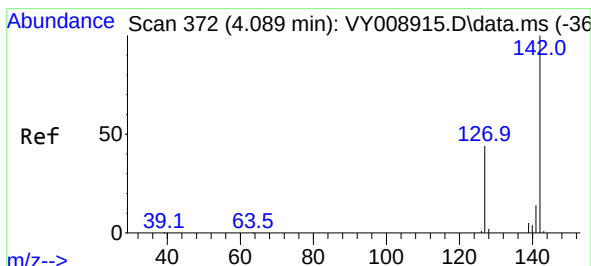
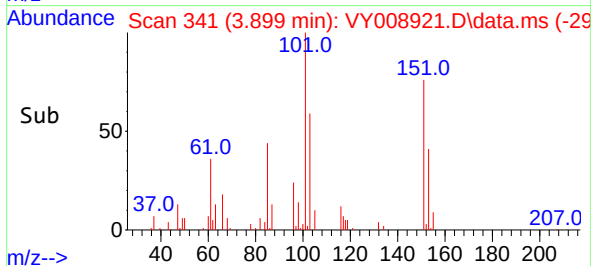
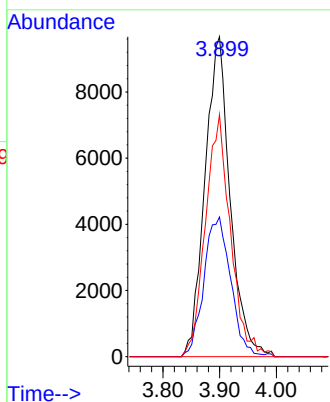
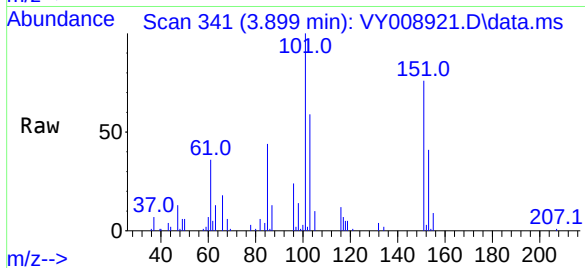
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.837 ug/l
RT: 3.899 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

Tgt Ion:101 Resp: 2978
Ion Ratio Lower Upper
101 100
85 46.4 40.6 60.8
151 75.5 64.9 97.3

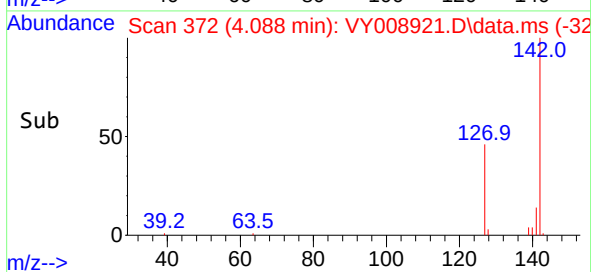
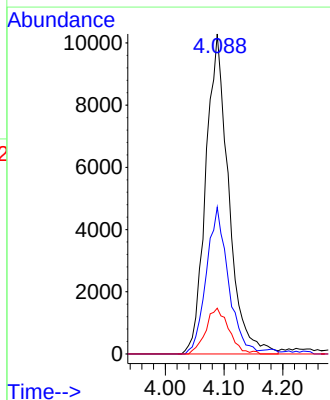
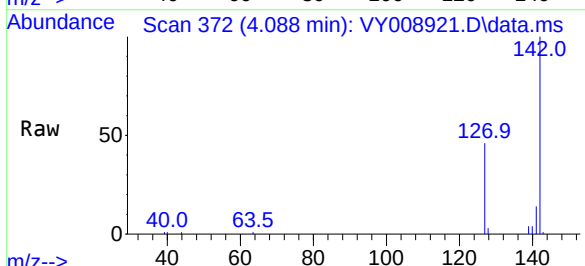
Manual Integrations
APPROVED

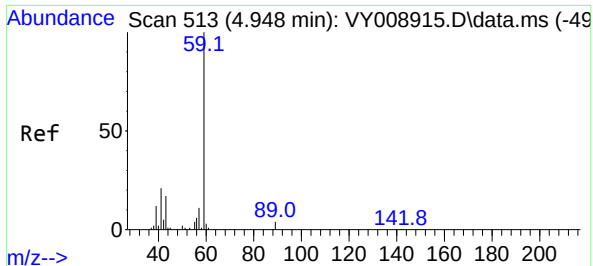
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#10
Methyl Iodide
Concen: 18.845 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.001 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

Tgt Ion:142 Resp: 27819
Ion Ratio Lower Upper
142 100
127 44.3 41.5 62.3
141 14.5 11.9 17.9





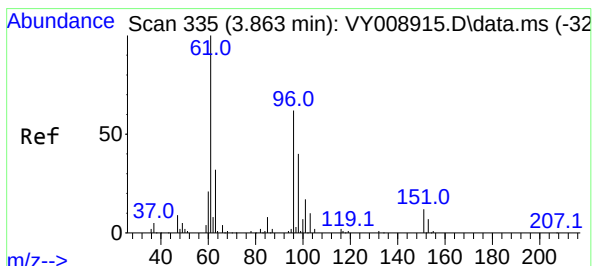
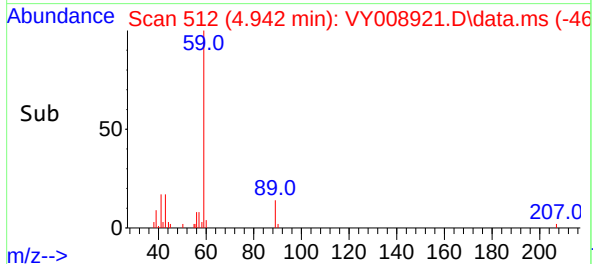
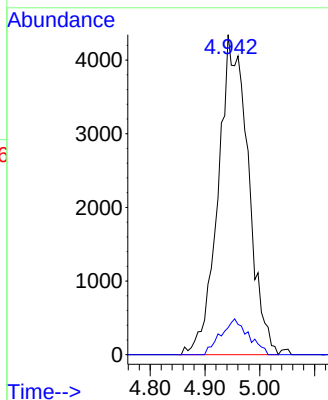
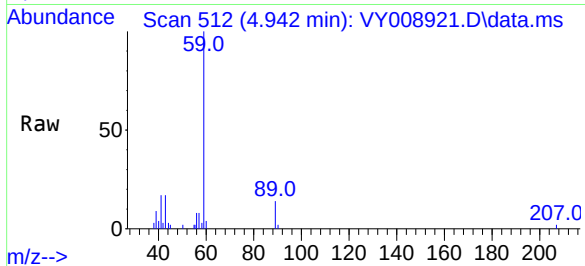
#11
Tert butyl alcohol
Concen: 112.328 ug/l
RT: 4.942 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

Tgt Ion: 59 Resp: 1654
Ion Ratio Lower Upper
59 100
57 10.2 6.4 9.6

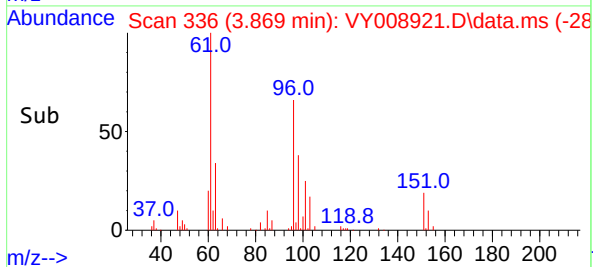
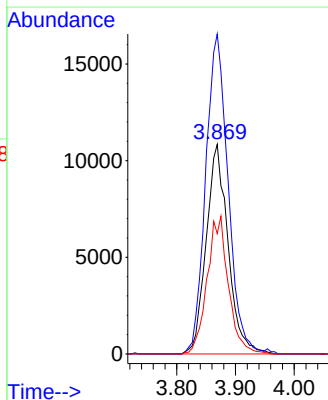
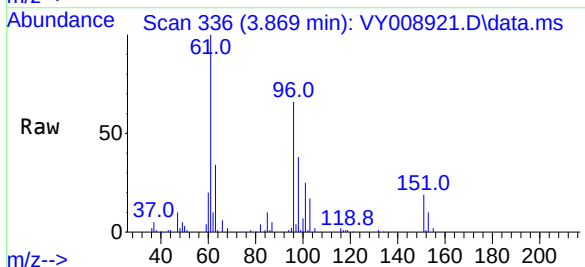
Manual Integrations
APPROVED

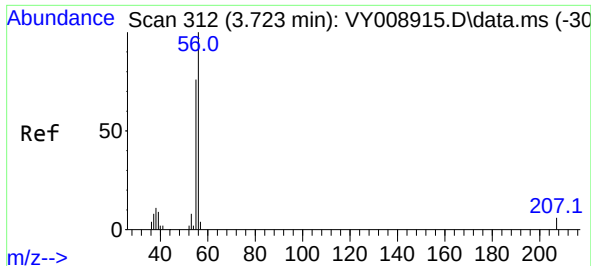
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#12
1,1-Dichloroethene
Concen: 21.179 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

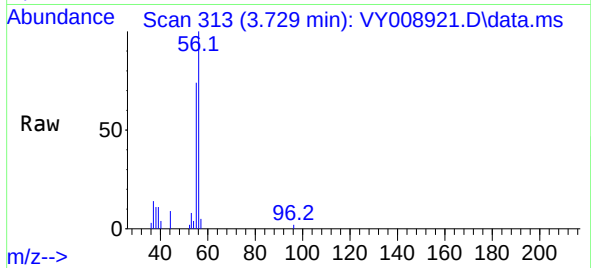
Tgt Ion: 96 Resp: 28106
Ion Ratio Lower Upper
96 100
61 152.7 145.8 218.6
98 57.4 52.5 78.7





#13
Acrolein
Concen: 153.995 ug/l
RT: 3.729 min Scan# 312
Delta R.T. 0.006 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

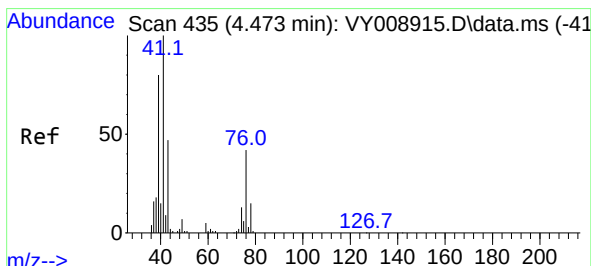
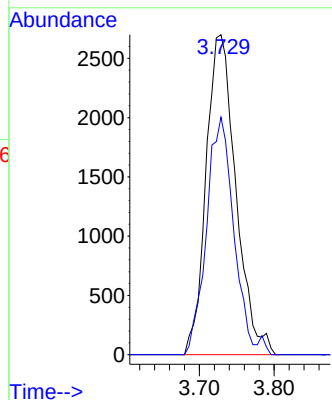
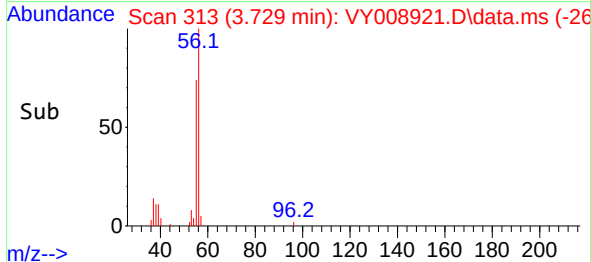
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01



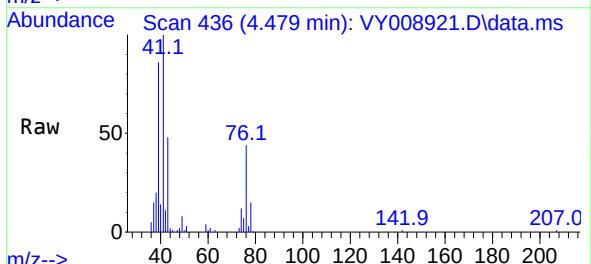
Tgt Ion: 56 Resp: 7460
Ion Ratio Lower Upper
56 100
55 67.6 57.6 86.4

Manual Integrations
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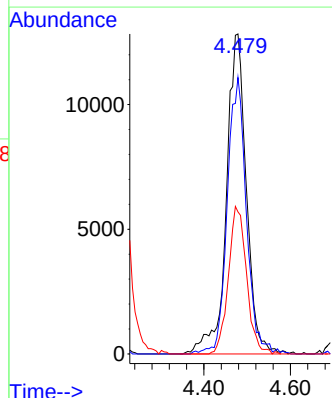
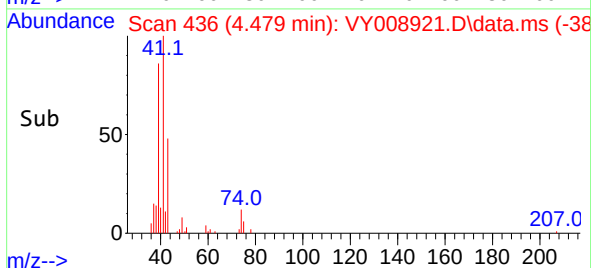
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

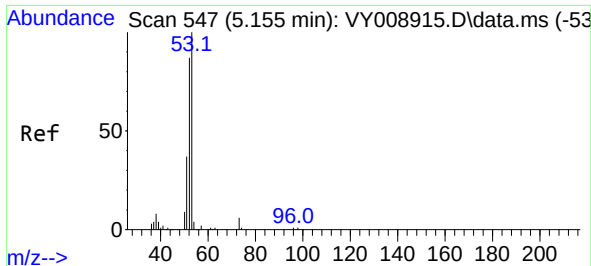


#14
Allyl chloride
Concen: 20.581 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53



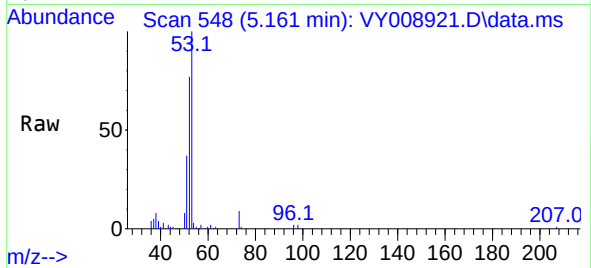
Tgt Ion: 41 Resp: 41161
Ion Ratio Lower Upper
41 100
39 82.5 58.8 88.2
76 42.0 25.1 37.7#





#15
Acrylonitrile
Concen: 107.720 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

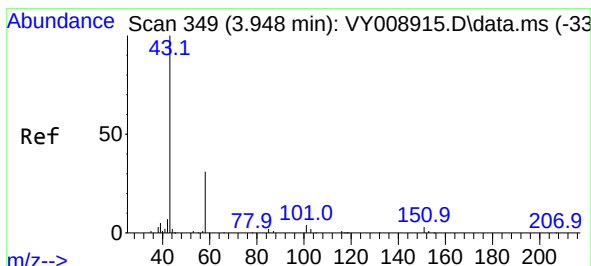
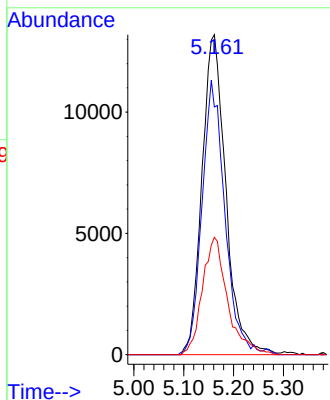
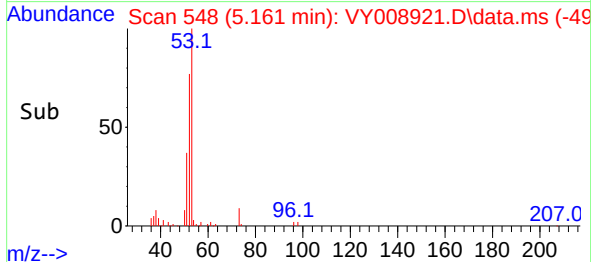
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBSD01



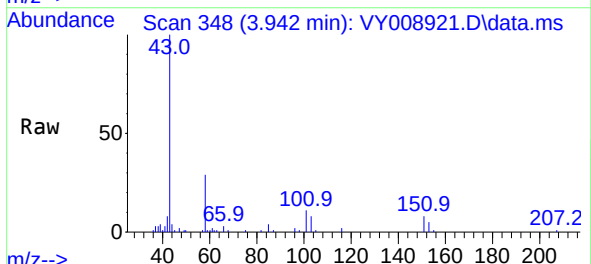
Tgt Ion: 53 Resp: 4386
Ion Ratio Lower Upper
53 100
52 81.8 67.0 100.4
51 38.7 29.8 44.6

Manual Integrations
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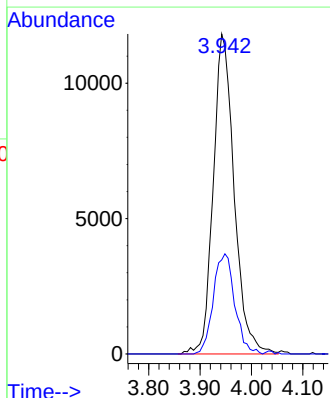
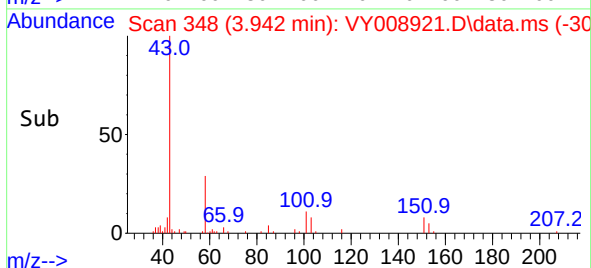
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

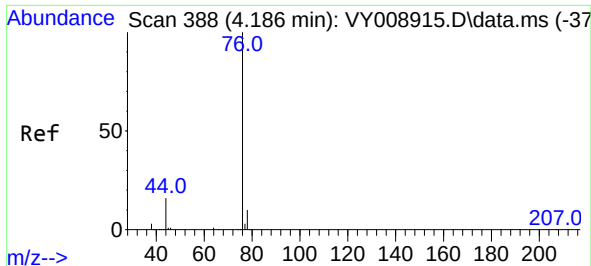


#16
Acetone
Concen: 110.739 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53



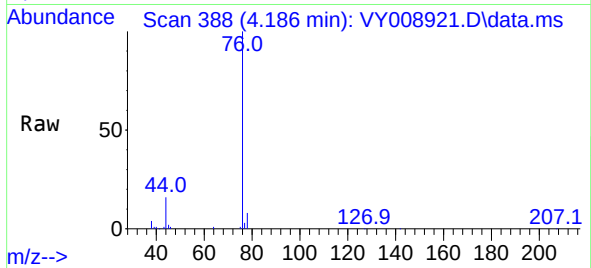
Tgt Ion: 43 Resp: 33473
Ion Ratio Lower Upper
43 100
58 29.4 22.0 33.0





#17
Carbon Disulfide
Concen: 20.491 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

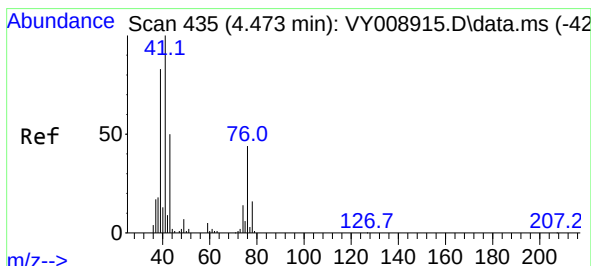
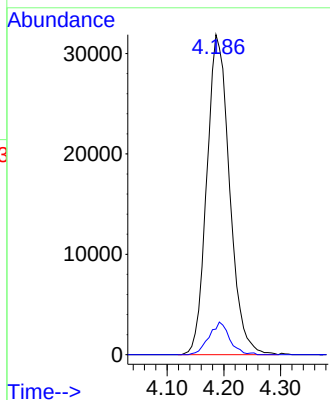
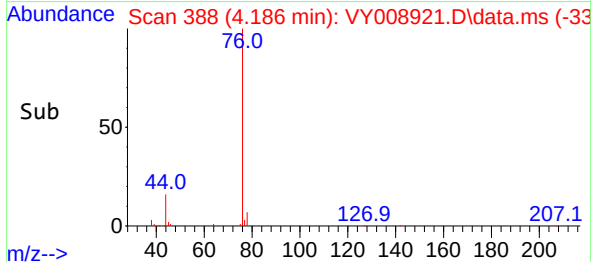
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBSD01



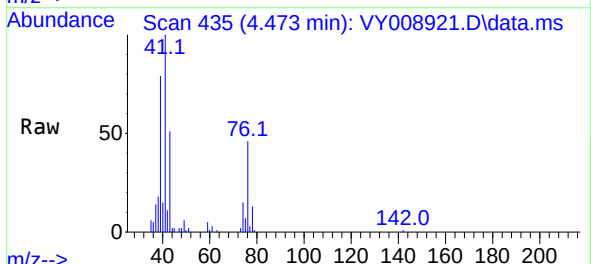
Tgt Ion: 76 Resp: 8884
Ion Ratio Lower Upper
76 100
78 8.0 7.4 11.0

Manual Integrations
APPROVED

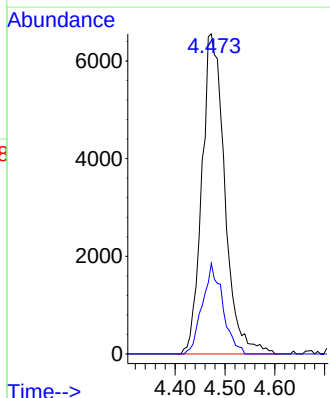
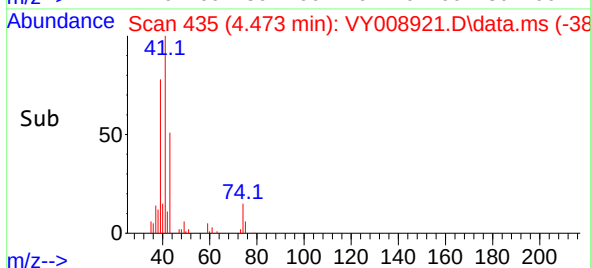
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

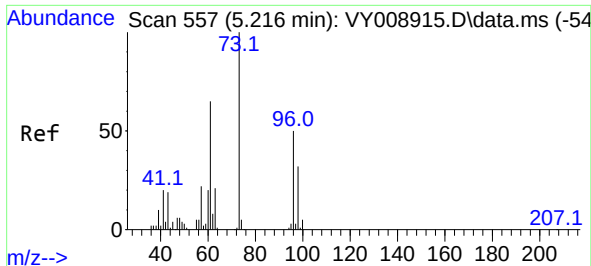


#18
Methyl Acetate
Concen: 22.185 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53



Tgt Ion: 43 Resp: 20882
Ion Ratio Lower Upper
43 100
74 25.1 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 21.112 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY008921.D

Acq: 20 May 2022 22:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0520SBSD01

Tgt Ion: 73 Resp: 8409

Ion Ratio Lower Upper

73 100

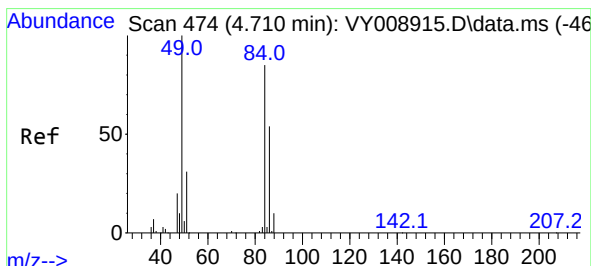
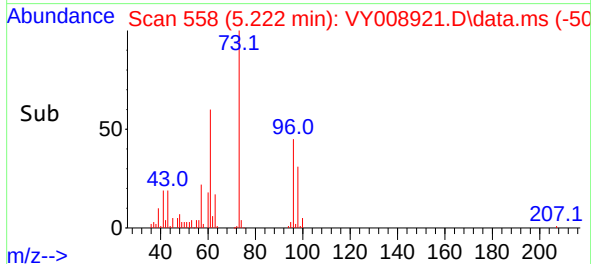
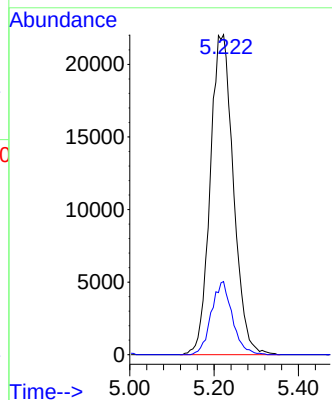
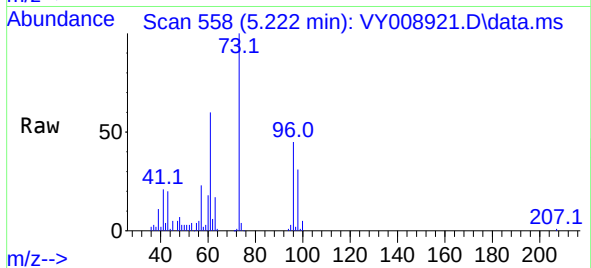
57 22.9 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/24/2022

Supervised By :Mahesh Dadoda 05/24/2022



#20

Methylene Chloride

Concen: 22.236 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY008921.D

Acq: 20 May 2022 22:53

Tgt Ion: 84 Resp: 45114

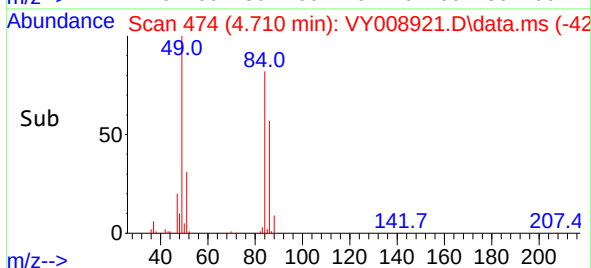
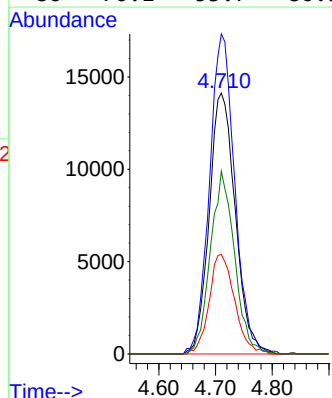
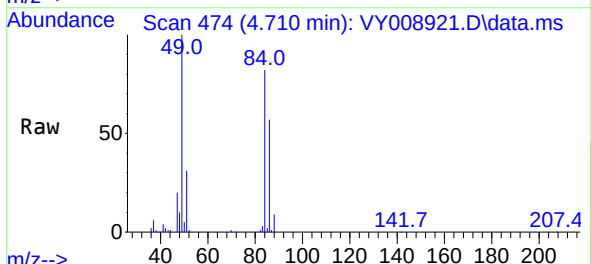
Ion Ratio Lower Upper

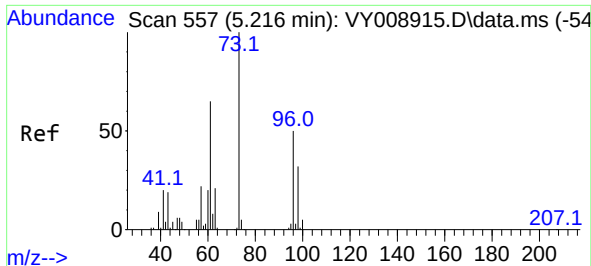
84 100

49 122.7 114.4 171.6

51 38.1 35.3 52.9

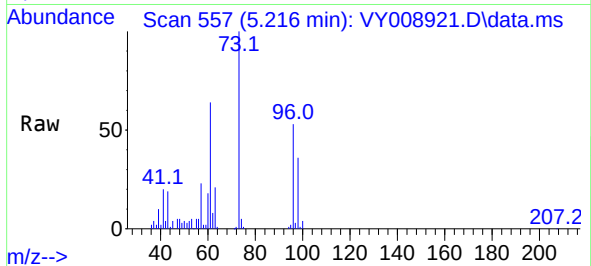
86 70.1 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 20.030 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

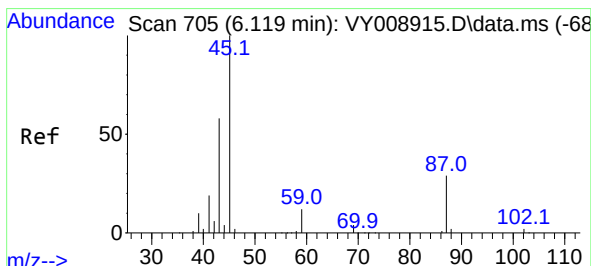
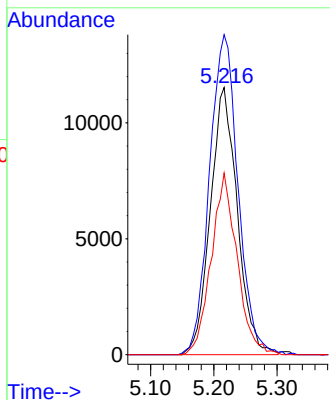
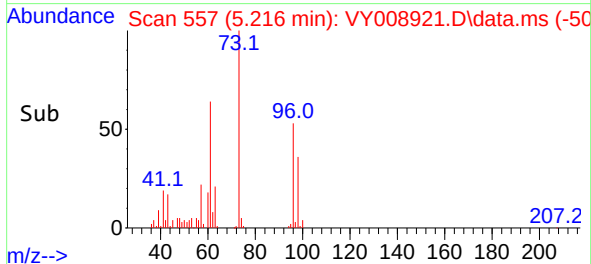
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBSD01



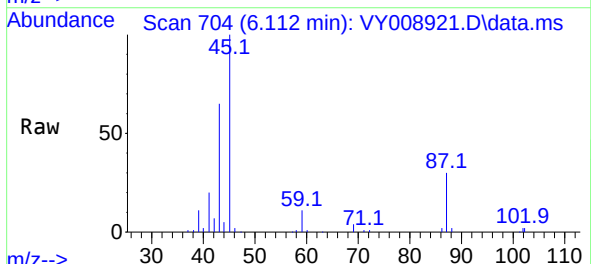
Tgt Ion: 96 Resp: 34119
Ion Ratio Lower Upper
96 100
61 119.8 120.5 180.7
98 68.0 49.8 74.8

Manual Integrations
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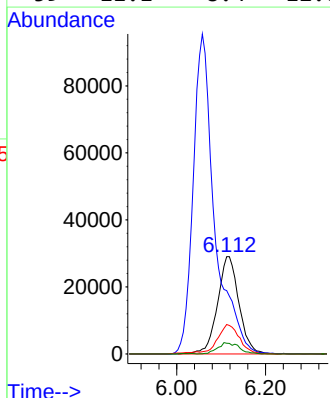
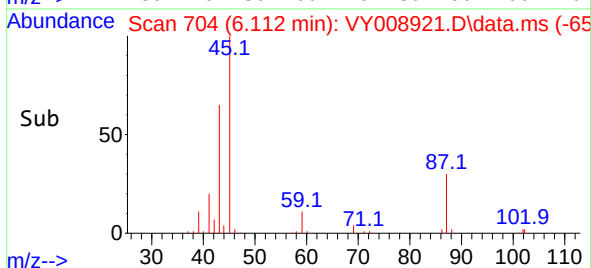
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

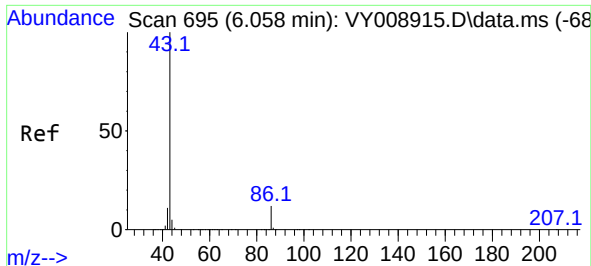


#22
Diisopropyl ether
Concen: 20.164 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.007 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53



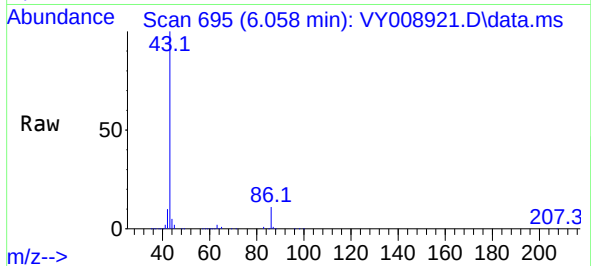
Tgt Ion: 45 Resp: 96886
Ion Ratio Lower Upper
45 100
43 64.7 49.3 73.9
87 30.2 19.2 28.8
59 11.1 8.4 12.6





#23
 Vinyl Acetate
 Concen: 100.866 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY008921.D
 Acq: 20 May 2022 22:53

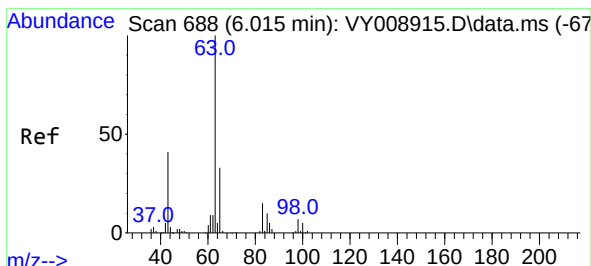
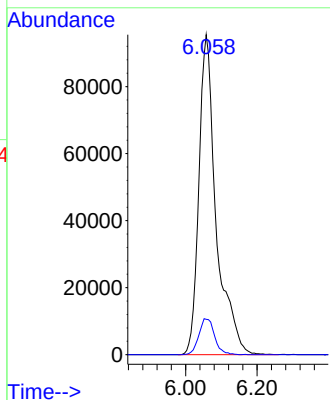
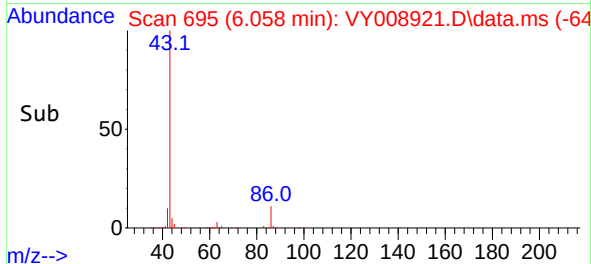
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0520SBS01



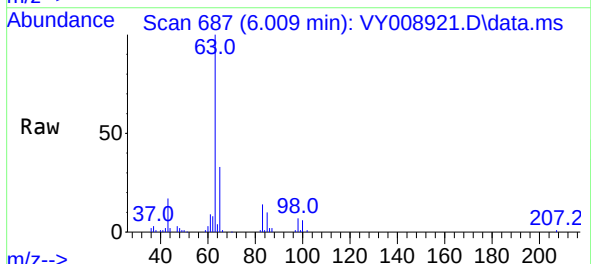
Tgt Ion: 43 Resp: 32058
 Ion Ratio Lower Upper
 43 100
 86 11.0 7.1 10.7

Manual Integrations
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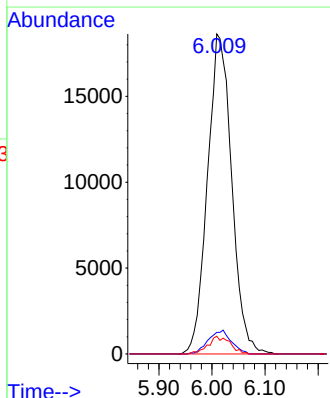
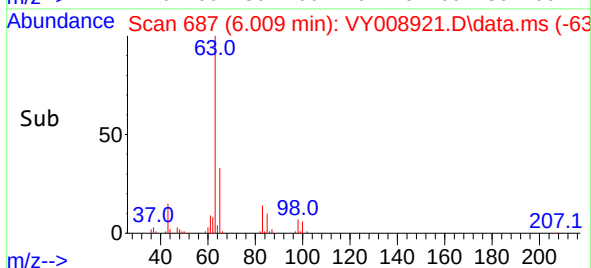
Reviewed By :John Carlone 05/24/2022
 Supervised By :Mahesh Dadoda 05/24/2022

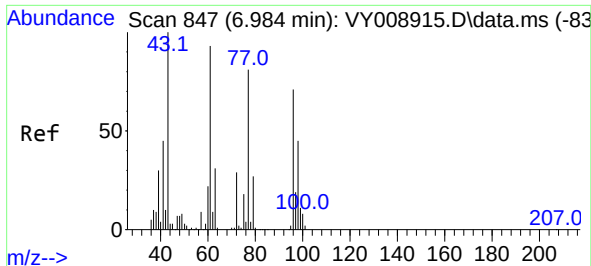


#24
 1,1-Dichloroethane
 Concen: 20.556 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY008921.D
 Acq: 20 May 2022 22:53



Tgt Ion: 63 Resp: 59076
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.6 10.8
 100 5.5 2.0 5.8





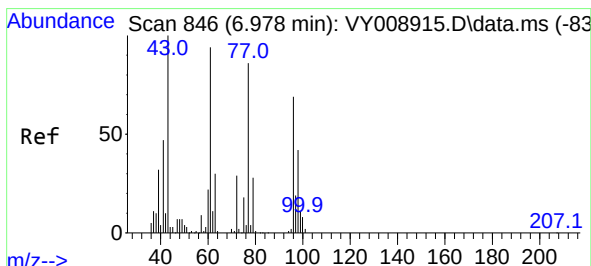
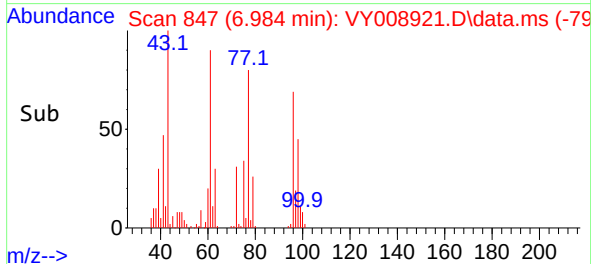
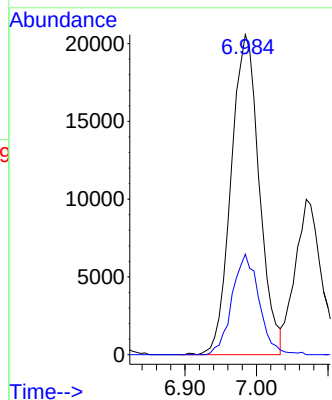
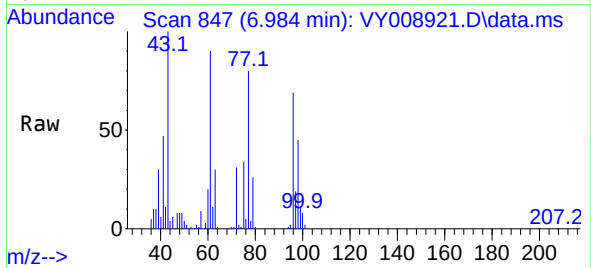
#25
2-Butanone
Concen: 104.326 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

Tgt Ion: 43 Resp: 56324
Ion Ratio Lower Upper
43 100
72 31.4 17.7 26.5

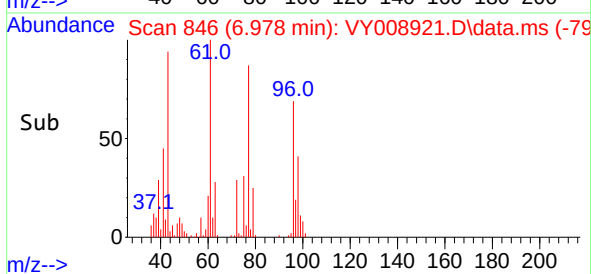
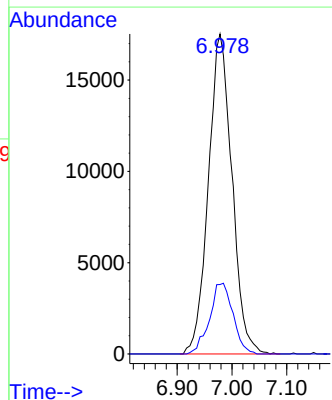
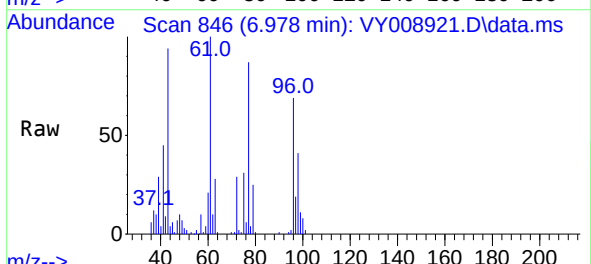
Manual Integrations
APPROVED

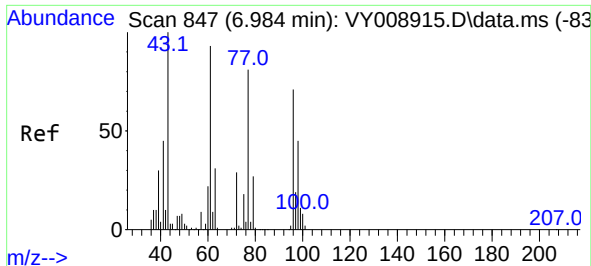
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#26
2,2-Dichloropropane
Concen: 19.747 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

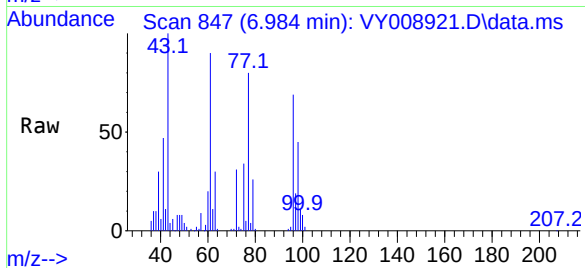
Tgt Ion: 77 Resp: 52277
Ion Ratio Lower Upper
77 100
97 22.0 10.4 31.4





#27
 cis-1,2-Dichloroethene
 Concen: 20.282 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY008921.D
 Acq: 20 May 2022 22:53

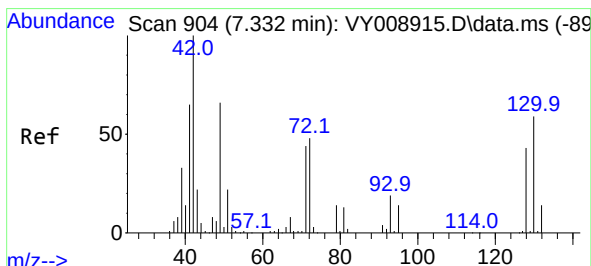
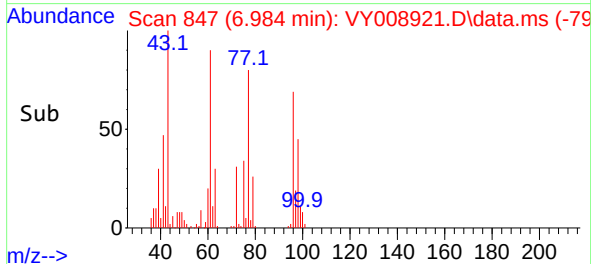
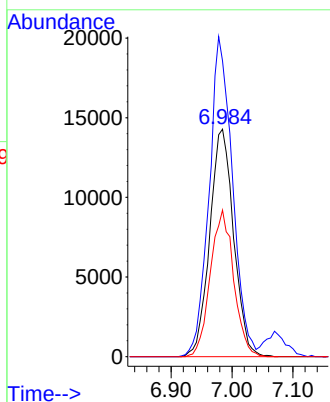
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0520SBS01



Tgt Ion: 96 Resp: 38944
 Ion Ratio Lower Upper
 96 100
 61 137.4 0.0 319.8
 98 62.7 0.0 127.0

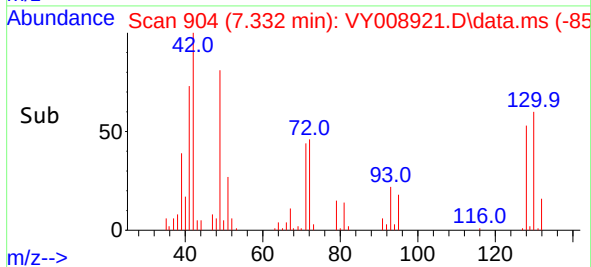
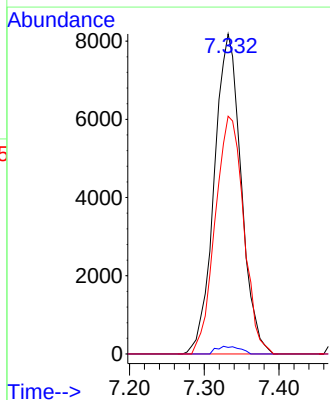
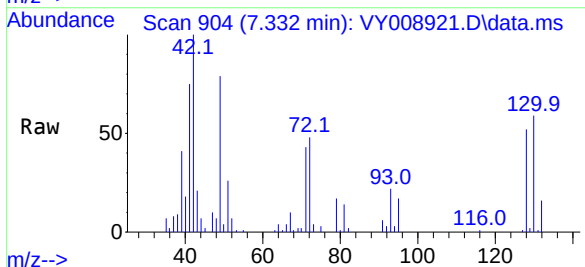
Manual Integrations
 APPROVED

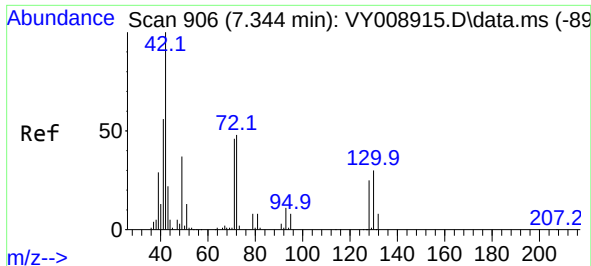
Reviewed By :John Carlone 05/24/2022
 Supervised By :Mahesh Dadoda 05/24/2022



#28
 Bromochloromethane
 Concen: 20.755 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY008921.D
 Acq: 20 May 2022 22:53

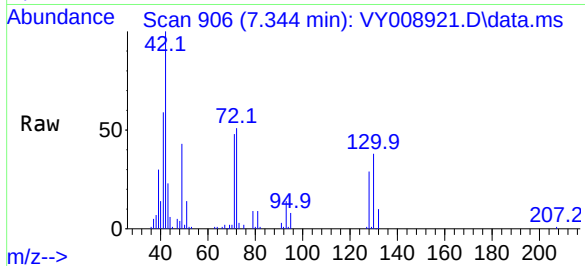
Tgt Ion: 49 Resp: 20473
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 2.2
 130 78.6 55.4 83.0





#29
Tetrahydrofuran
Concen: 101.439 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

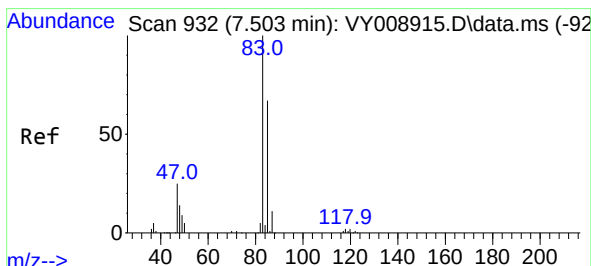
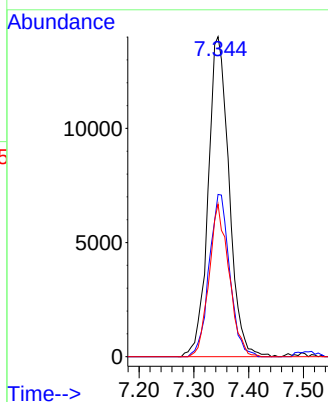
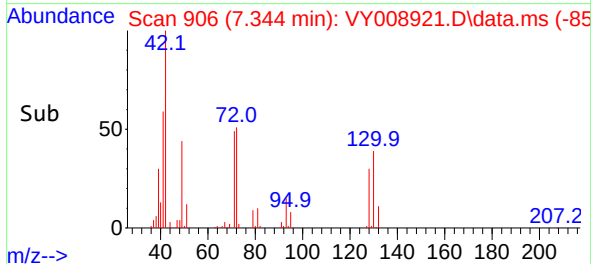
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBSD01



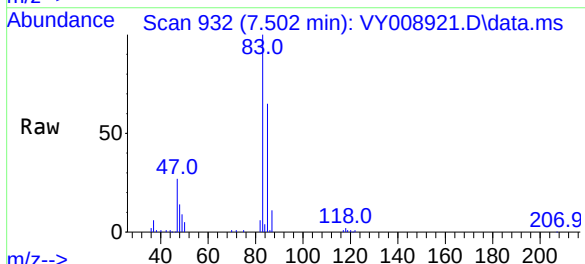
Tgt Ion: 42 Resp: 3720
Ion Ratio Lower Upper
42 100
72 49.6 30.3 45.5
71 45.3 29.0 43.4

Manual Integrations
APPROVED

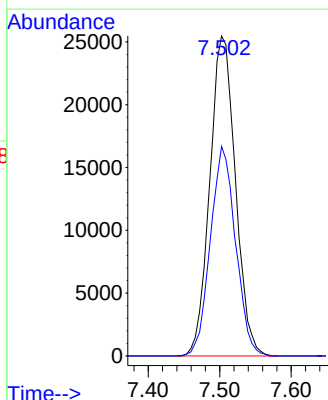
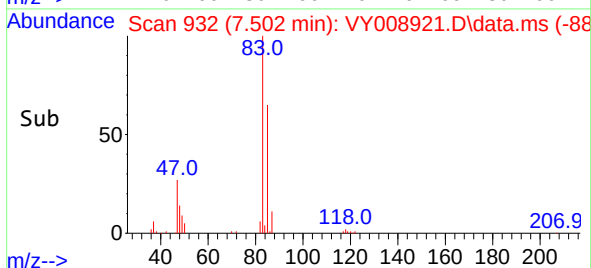
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

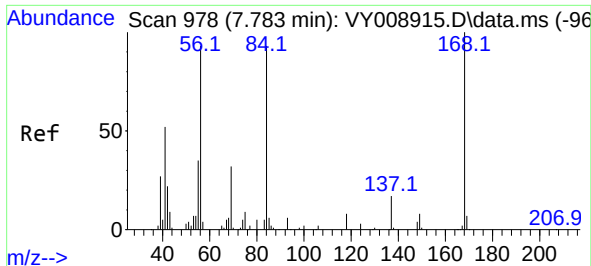


#30
Chloroform
Concen: 20.434 ug/l
RT: 7.502 min Scan# 932
Delta R.T. -0.001 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53



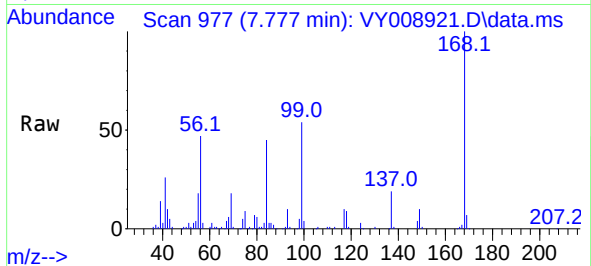
Tgt Ion: 83 Resp: 63390
Ion Ratio Lower Upper
83 100
85 65.5 51.8 77.6





#31
Cyclohexane
Concen: 19.371 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

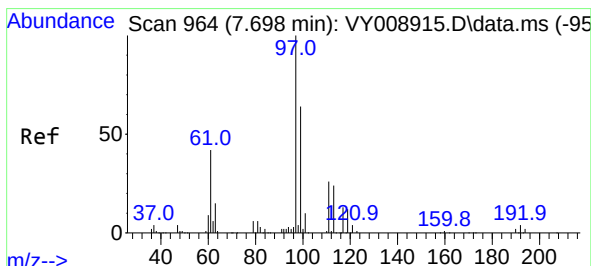
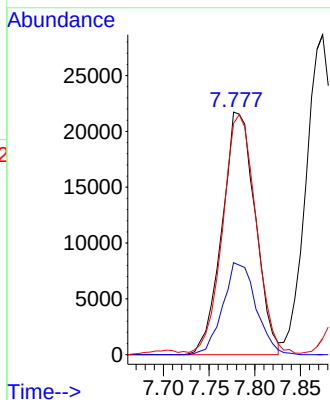
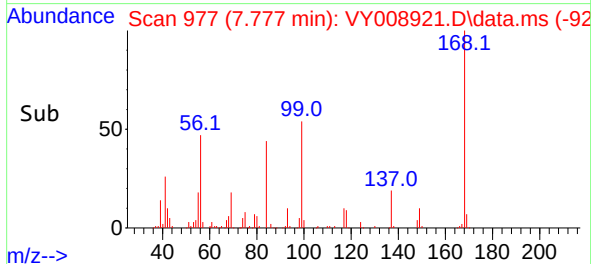
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBSD01



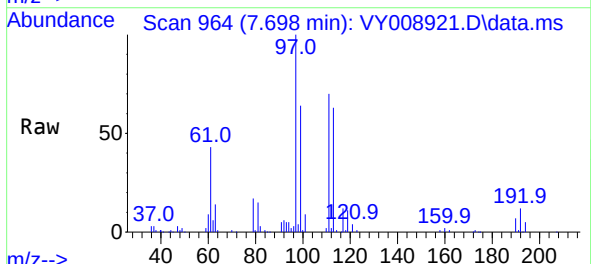
Tgt Ion: 56 Resp: 55028
Ion Ratio Lower Upper
56 100
69 37.9 26.7 40.1
84 94.4 67.2 100.8

Manual Integrations
APPROVED

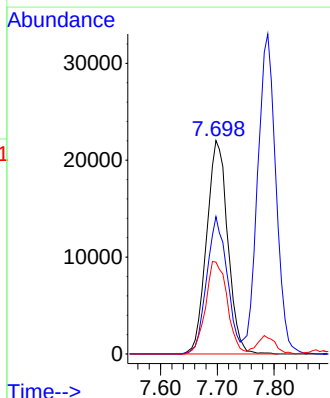
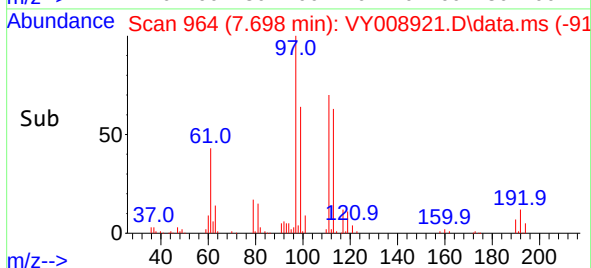
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

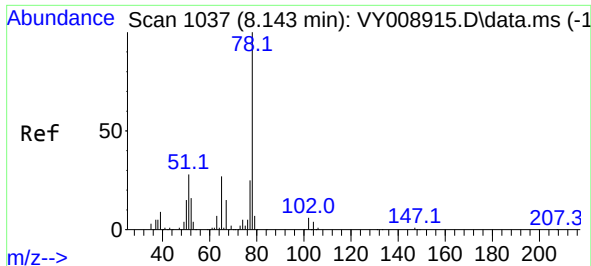


#32
1,1,1-Trichloroethane
Concen: 20.240 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53



Tgt Ion: 97 Resp: 56965
Ion Ratio Lower Upper
97 100
99 62.3 50.7 76.1
61 44.5 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 42.002 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY008921.D

Acq: 20 May 2022 22:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0520SBS01

Tgt Ion: 65 Resp: 60992

Ion Ratio Lower Upper

65 100

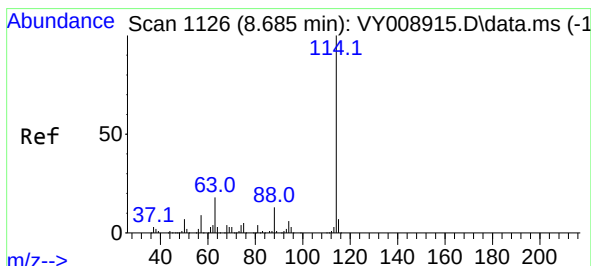
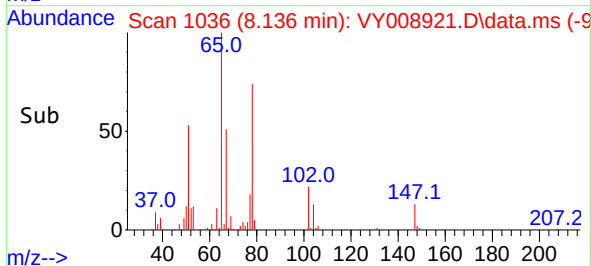
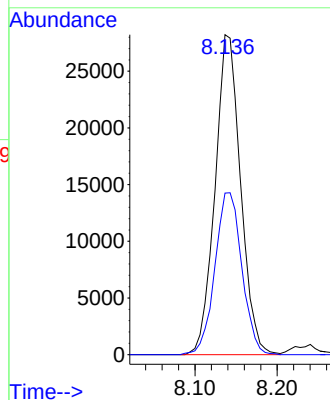
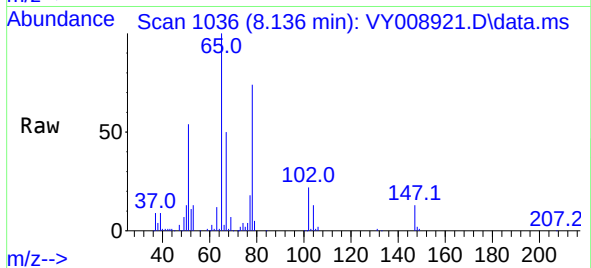
67 53.3 0.0 99.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/24/2022

Supervised By :Mahesh Dadoda 05/24/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY008921.D

Acq: 20 May 2022 22:53

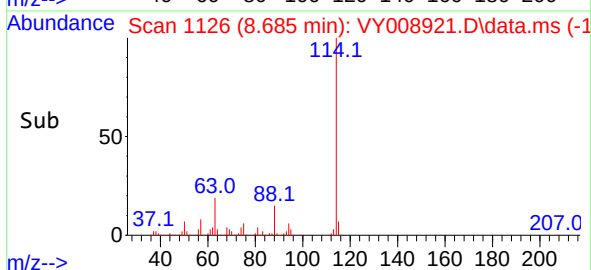
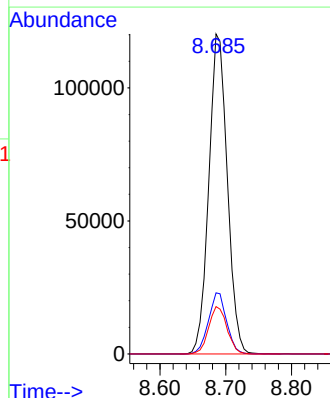
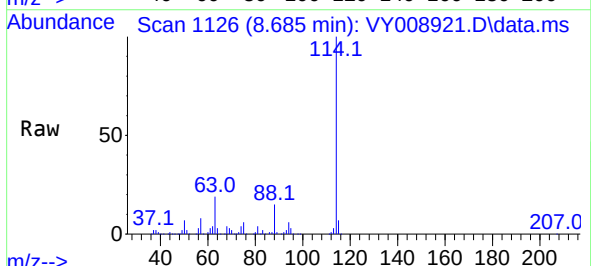
Tgt Ion:114 Resp: 235254

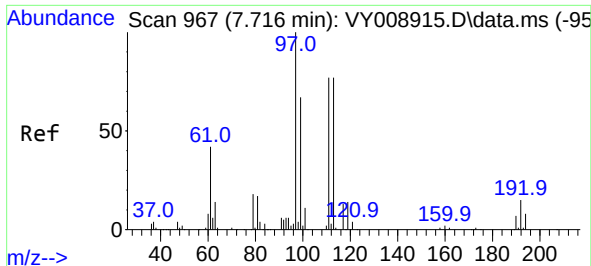
Ion Ratio Lower Upper

114 100

63 19.1 0.0 43.2

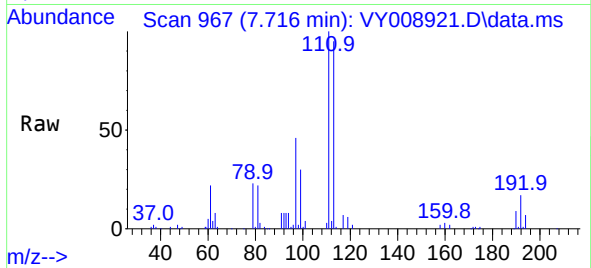
88 14.8 0.0 31.8





#35
Dibromofluoromethane
Concen: 44.729 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

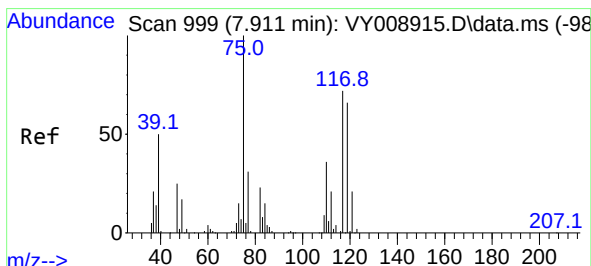
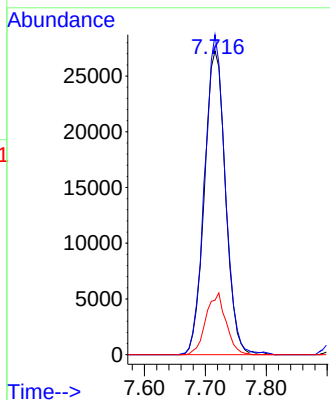
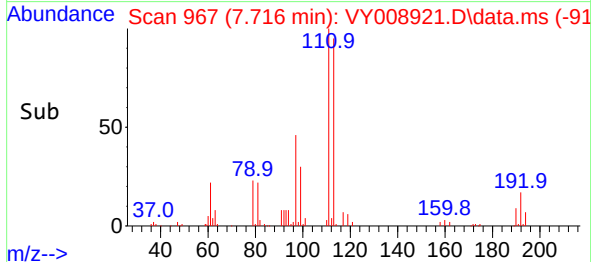
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01



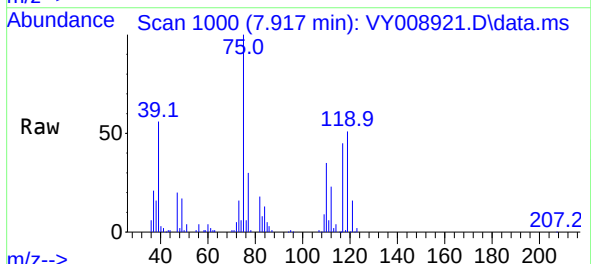
Tgt Ion: 113 Resp: 65435
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 19.3 17.6 26.4

Manual Integrations
APPROVED

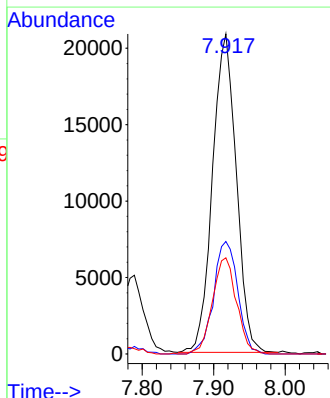
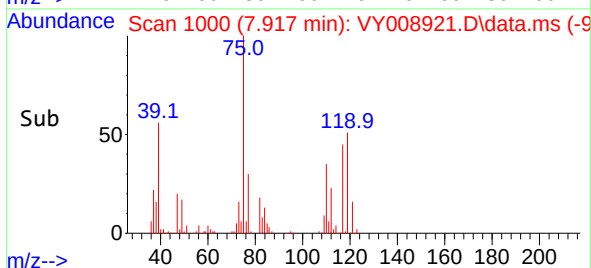
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

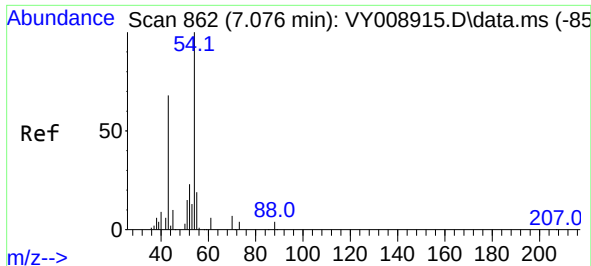


#36
1,1-Dichloropropene
Concen: 19.340 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53



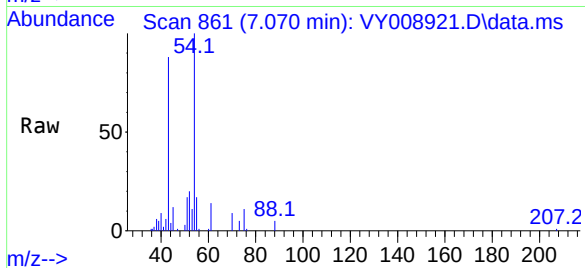
Tgt Ion: 75 Resp: 48148
Ion Ratio Lower Upper
75 100
110 36.1 17.1 51.2
77 30.6 24.4 36.6





#37
Ethyl Acetate
Concen: 19.815 ug/l
RT: 7.070 min Scan# 861
Delta R.T. -0.006 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

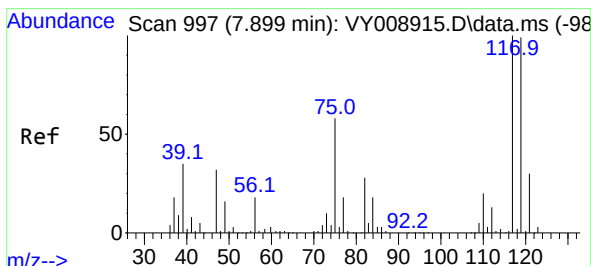
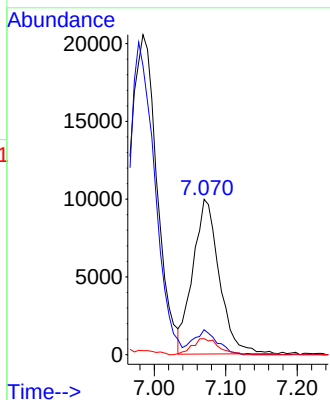
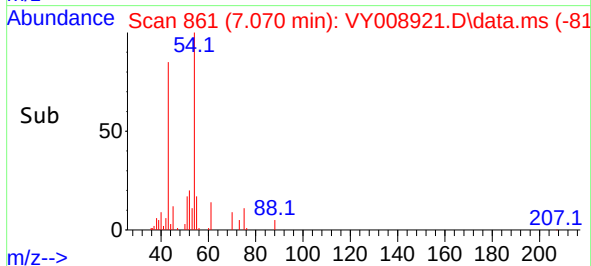
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01



Tgt Ion: 43 Resp: 25589
Ion Ratio Lower Upper
43 100
61 14.7 9.7 14.5
70 10.2 7.1 10.7

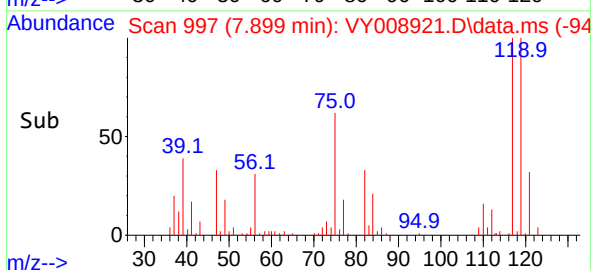
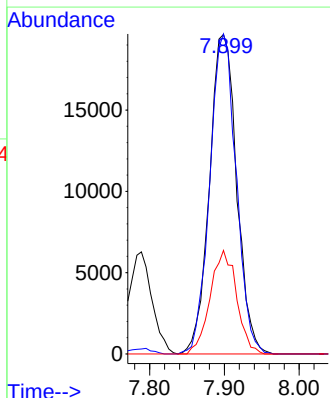
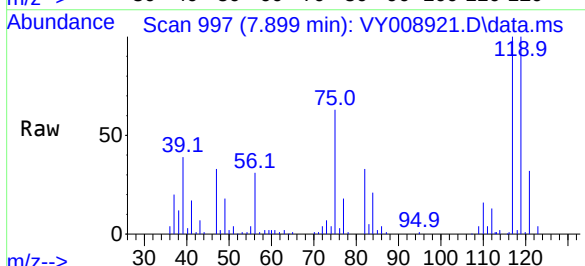
Manual Integrations
APPROVED

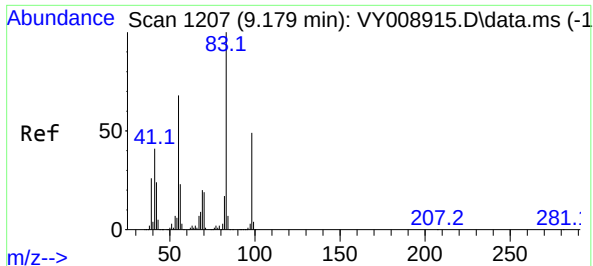
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#38
Carbon Tetrachloride
Concen: 19.117 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

Tgt Ion:117 Resp: 49788
Ion Ratio Lower Upper
117 100
119 100.2 77.9 116.9
121 32.4 24.8 37.2





#39

Methylcyclohexane

Concen: 19.255 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008921.D

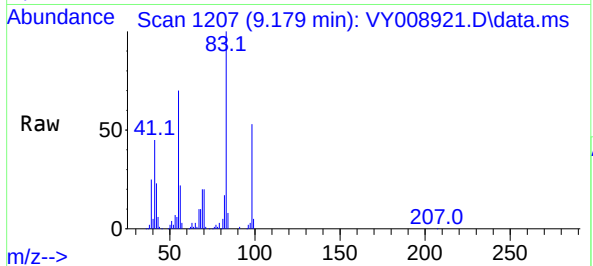
Acq: 20 May 2022 22:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0520SBS01



Tgt Ion: 83 Resp: 6187

Ion Ratio Lower Upper

83 100

55 70.2 66.5 99.7

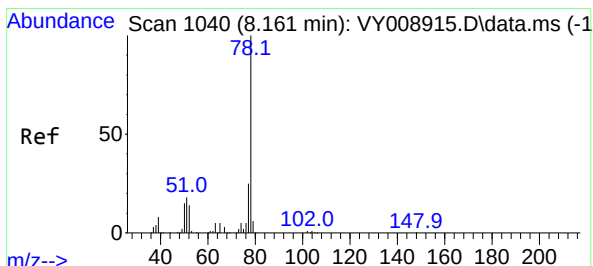
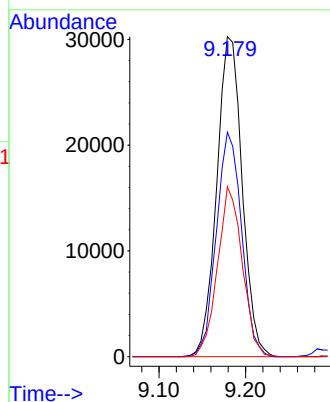
98 53.1 37.9 56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/24/2022

Supervised By :Mahesh Dadoda 05/24/2022



#40

Benzene

Concen: 19.655 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY008921.D

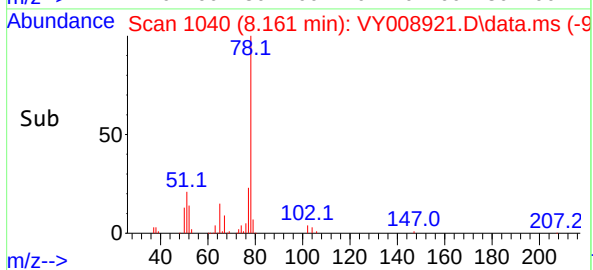
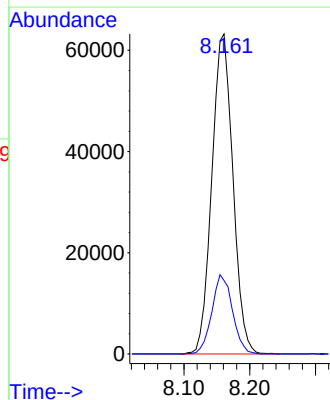
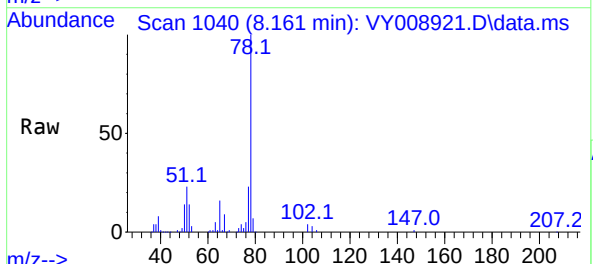
Acq: 20 May 2022 22:53

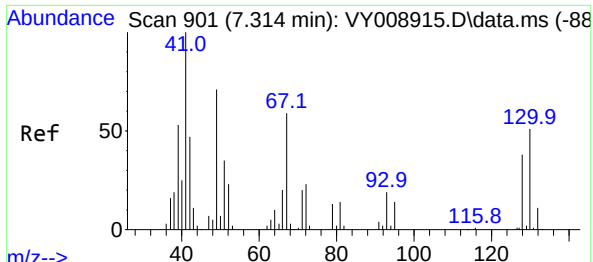
Tgt Ion: 78 Resp: 141105

Ion Ratio Lower Upper

78 100

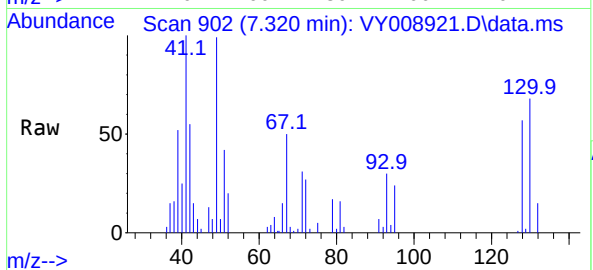
77 23.0 20.4 30.6





#41
Methacrylonitrile
Concen: 20.331 ug/l m
RT: 7.320 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

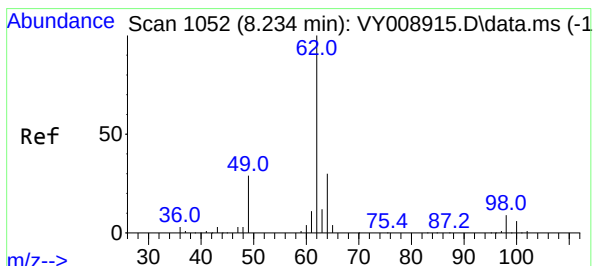
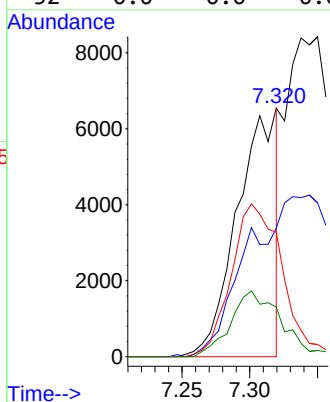
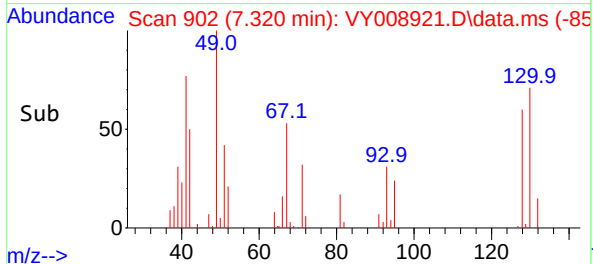
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBSD01



Tgt Ion: 41 Resp: 13549
Ion Ratio Lower Upper
41 100
39 95.5 92.9 139.3
67 0.0 0.0 0.0
52 0.0 0.0 0.0

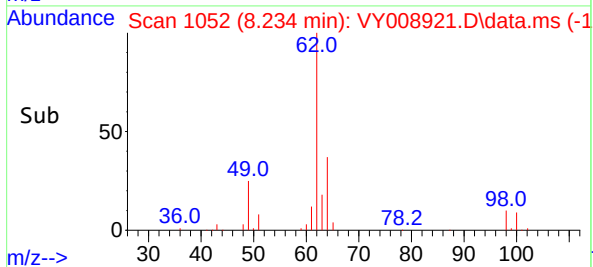
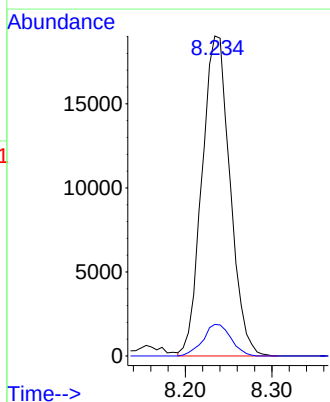
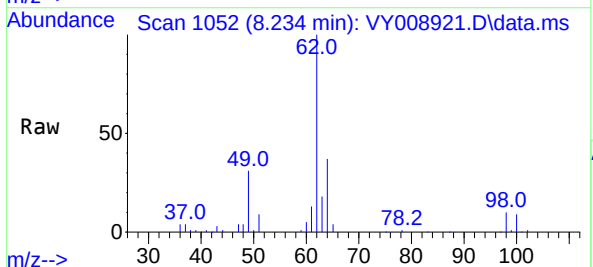
Manual Integrations
APPROVED

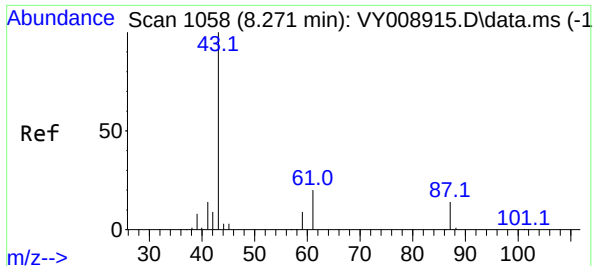
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#42
1,2-Dichloroethane
Concen: 20.286 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

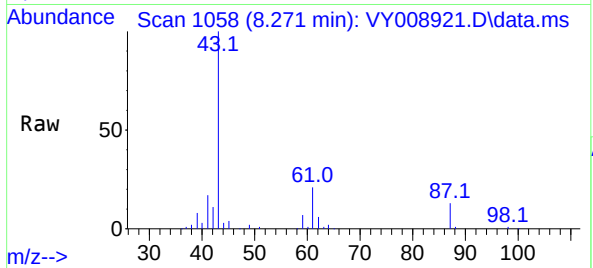
Tgt Ion: 62 Resp: 42764
Ion Ratio Lower Upper
62 100
98 9.8 0.0 14.8





#43
Isopropyl Acetate
Concen: 20.568 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

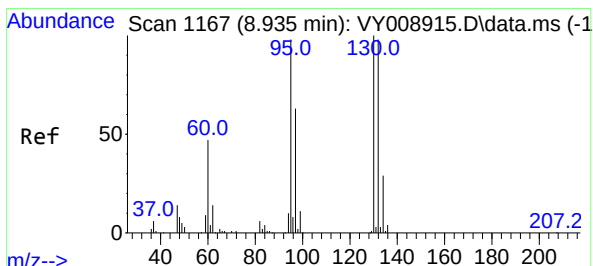
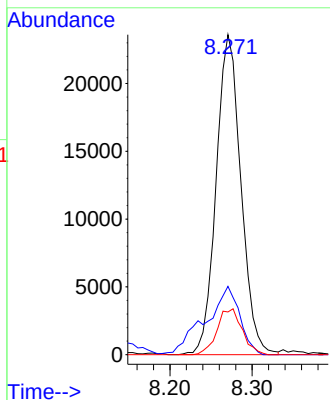
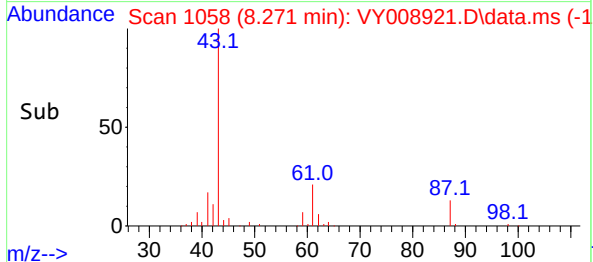
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBSD01



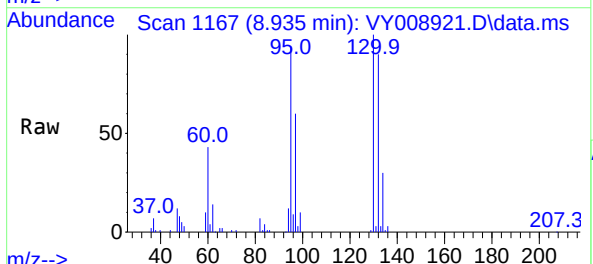
Tgt Ion: 43 Resp: 49390
Ion Ratio Lower Upper
43 100
61 29.7 20.2 30.2
87 14.5 8.9 13.3

Manual Integrations
APPROVED

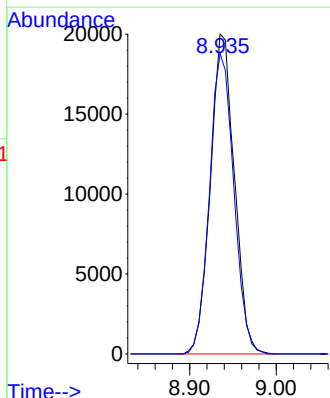
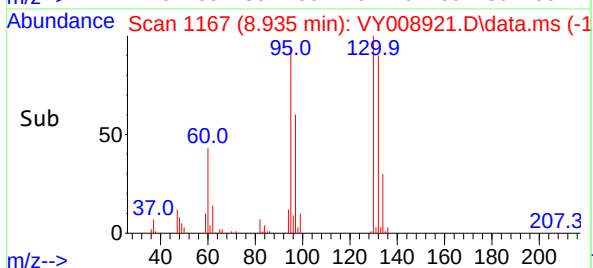
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

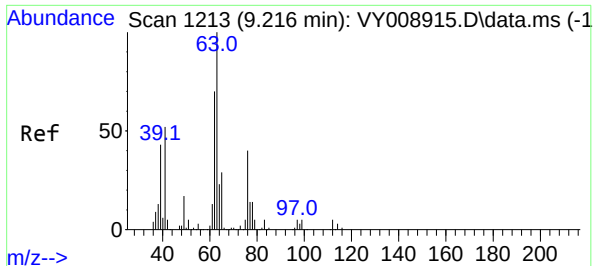


#44
Trichloroethene
Concen: 20.291 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53



Tgt Ion:130 Resp: 38571
Ion Ratio Lower Upper
130 100
95 93.8 0.0 188.2





#45

1,2-Dichloropropane

Concen: 20.176 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.007 min

Lab File: VY008921.D

Acq: 20 May 2022 22:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0520SBS01

Tgt Ion: 63 Resp: 34779

Ion Ratio Lower Upper

63 100

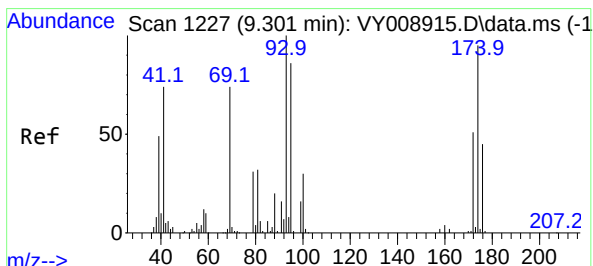
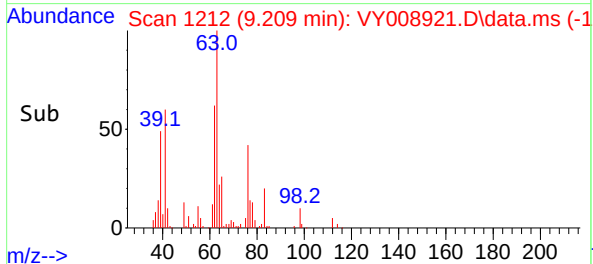
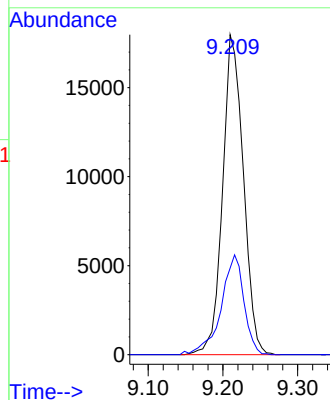
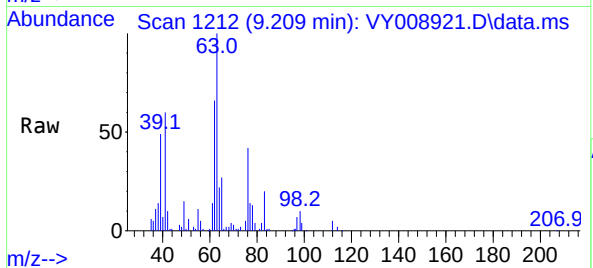
65 27.1 23.0 34.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/24/2022

Supervised By :Mahesh Dadoda 05/24/2022



#46

Dibromomethane

Concen: 20.639 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY008921.D

Acq: 20 May 2022 22:53

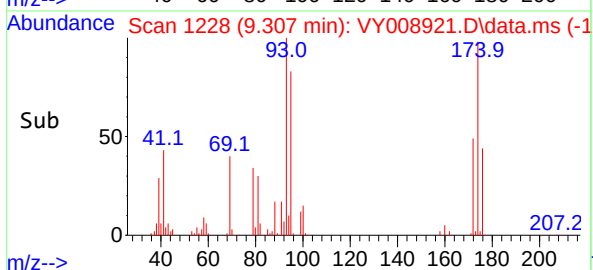
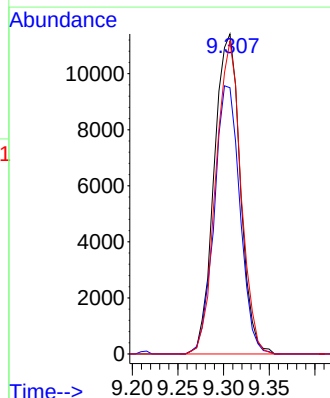
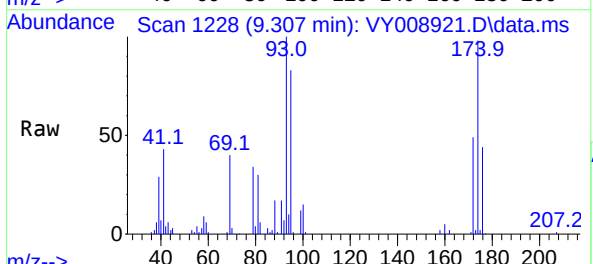
Tgt Ion: 93 Resp: 22622

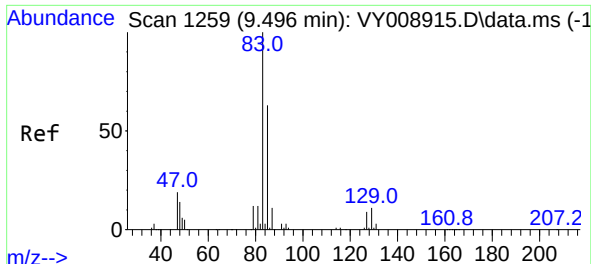
Ion Ratio Lower Upper

93 100

95 82.7 64.3 96.5

174 94.2 83.4 125.0





#47

Bromodichloromethane

Concen: 20.484 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VY008921.D

Acq: 20 May 2022 22:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0520SBS01

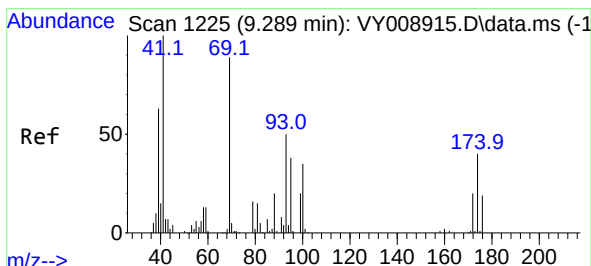
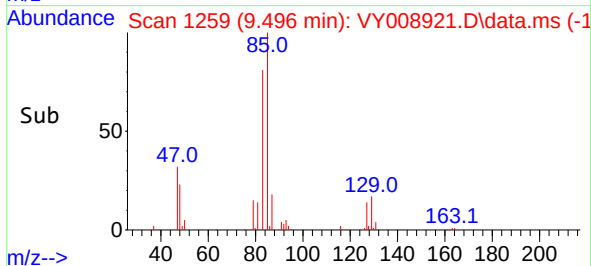
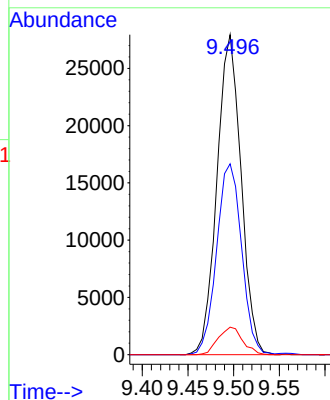
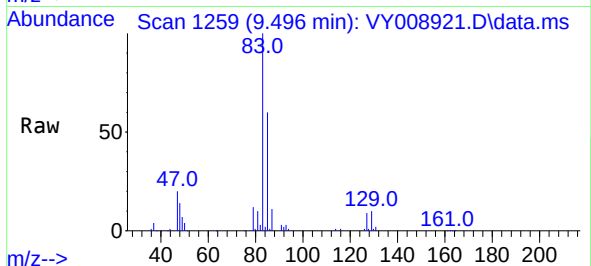
Tgt Ion:	83	Resp:	5131
Ion	Ratio	Lower	Upper
83	100		
85	59.7	51.9	77.9
127	8.6	6.6	10.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/24/2022

Supervised By :Mahesh Dadoda 05/24/2022



#48

Methyl methacrylate

Concen: 20.624 ug/l

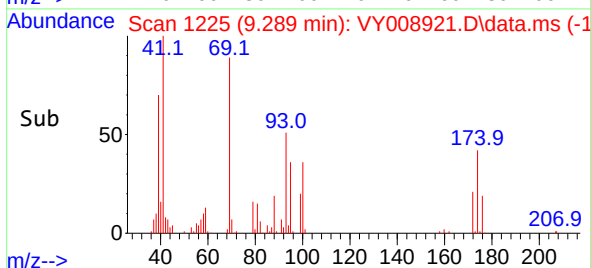
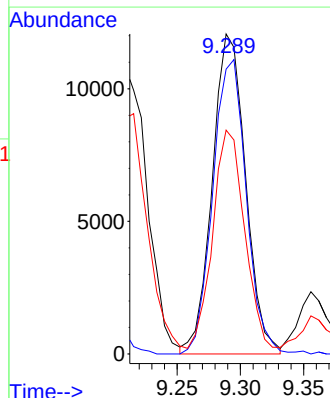
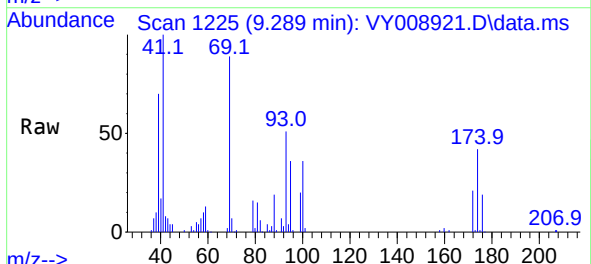
RT: 9.289 min Scan# 1225

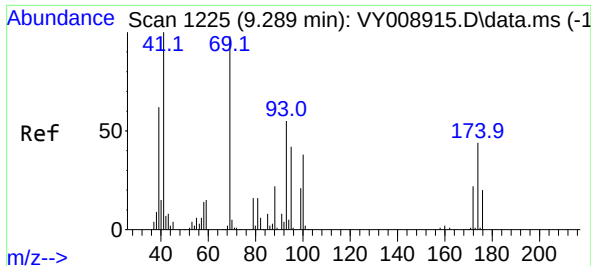
Delta R.T. -0.000 min

Lab File: VY008921.D

Acq: 20 May 2022 22:53

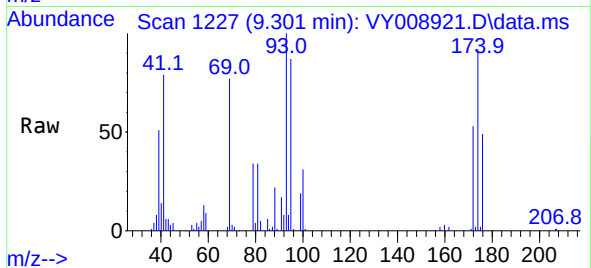
Tgt Ion:	41	Resp:	22114
Ion	Ratio	Lower	Upper
41	100		
69	92.6	58.2	87.2
39	68.5	47.4	71.0





#49
1,4-Dioxane
Concen: 394.413 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.012 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

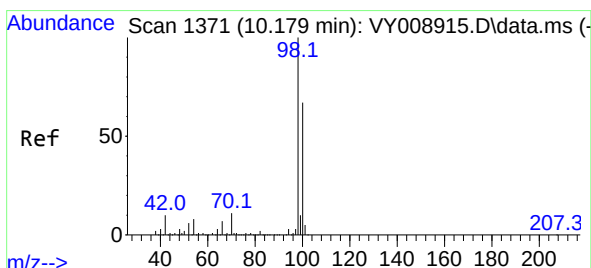
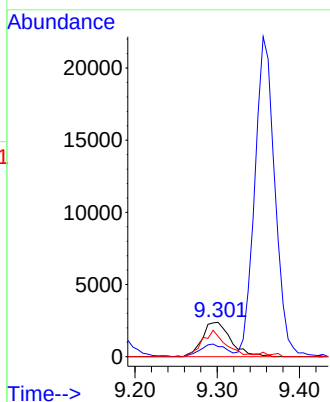
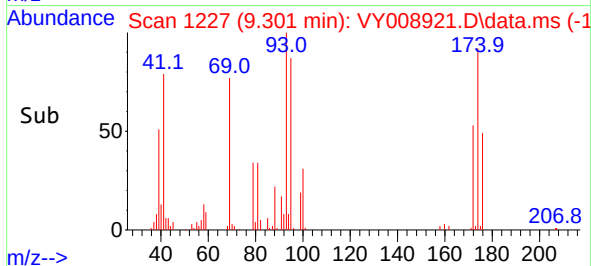
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01



Tgt Ion: 88 Resp: 5779
Ion Ratio Lower Upper
88 100
43 32.5 32.8 49.2
58 63.6 59.8 89.6

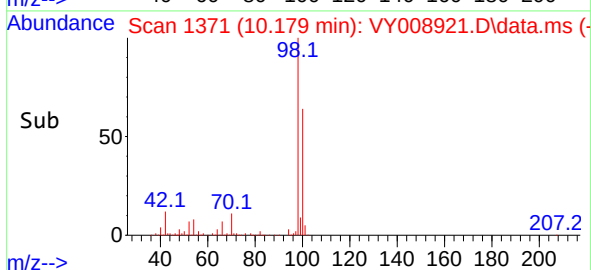
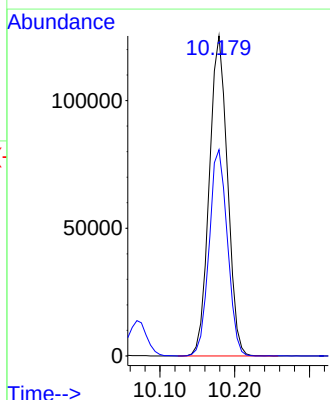
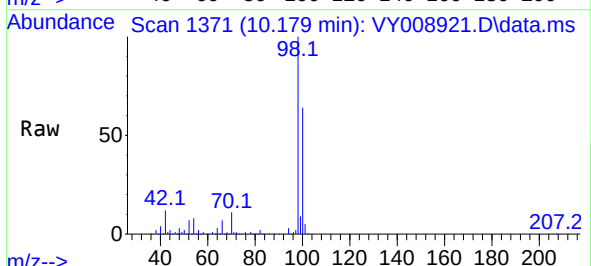
Manual Integrations
APPROVED

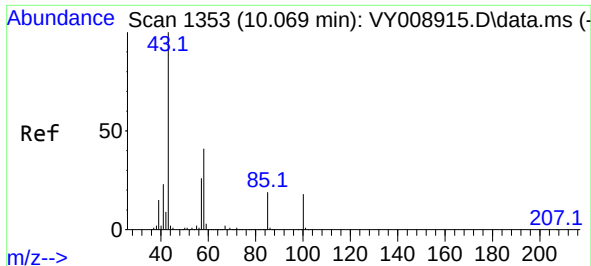
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#50
Toluene-d8
Concen: 39.287 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

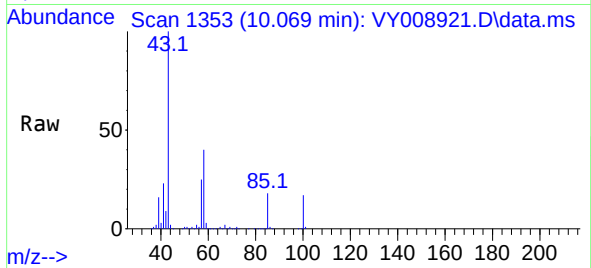
Tgt Ion: 98 Resp: 212025
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2





#51
4-Methyl-2-Pentanone
Concen: 103.010 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

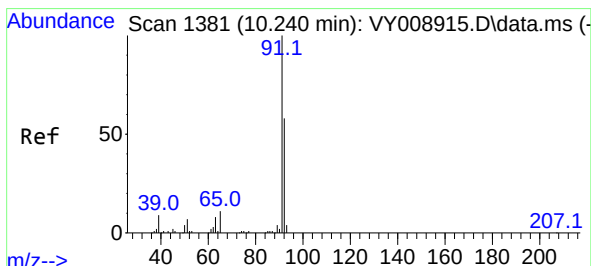
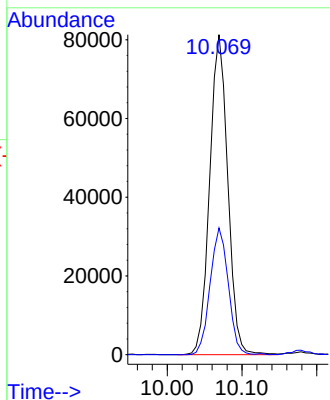
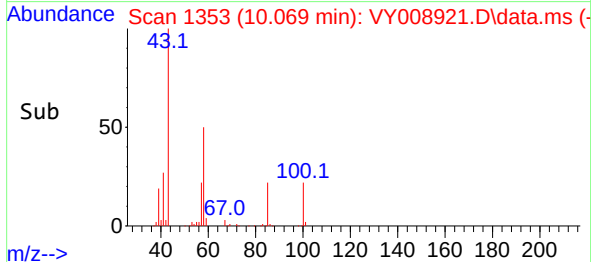
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01



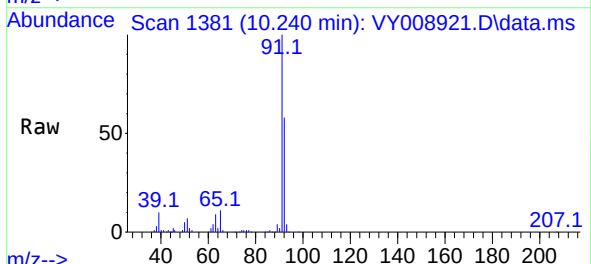
Tgt Ion: 43 Resp: 136894
Ion Ratio Lower Upper
43 100
58 39.7 28.1 42.1

Manual Integrations
APPROVED

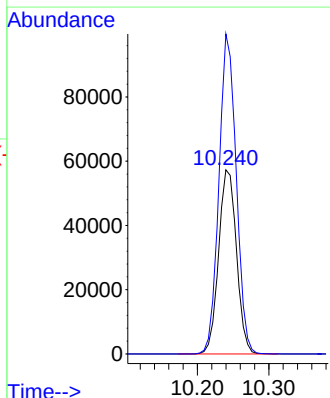
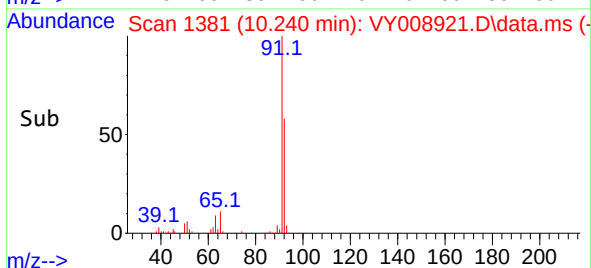
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

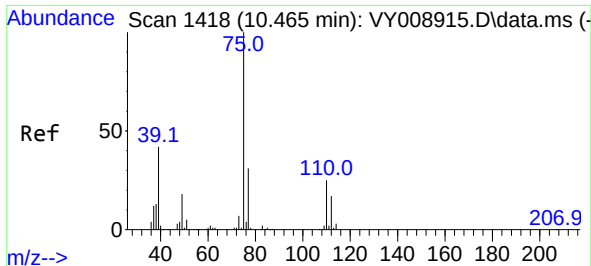


#52
Toluene
Concen: 19.809 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53



Tgt Ion: 92 Resp: 99381
Ion Ratio Lower Upper
92 100
91 168.3 142.6 213.8





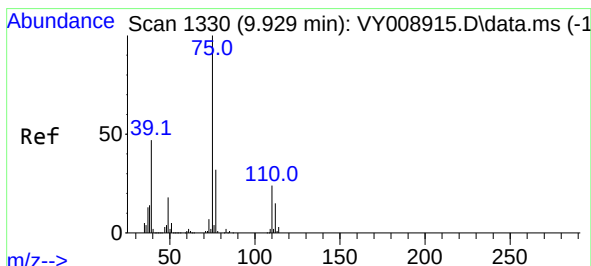
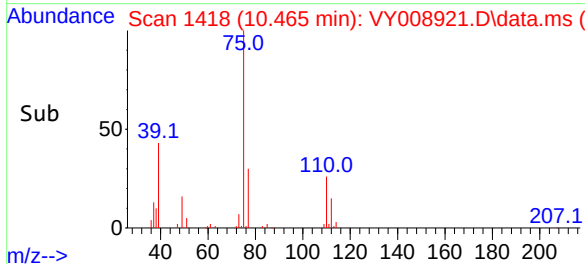
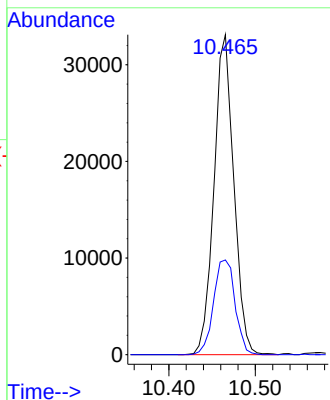
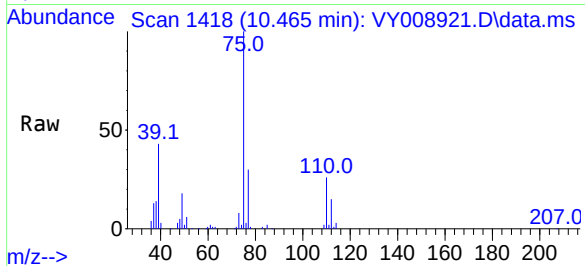
#53
t-1,3-Dichloropropene
Concen: 19.757 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

Tgt Ion: 75 Resp: 5255
Ion Ratio Lower Upper
75 100
77 29.6 25.4 38.2

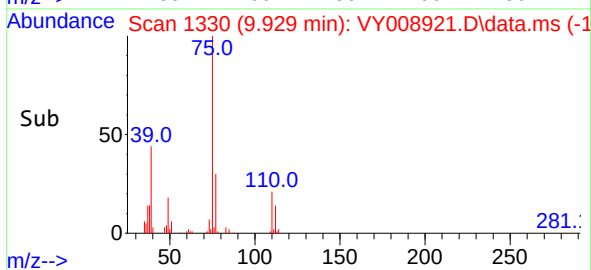
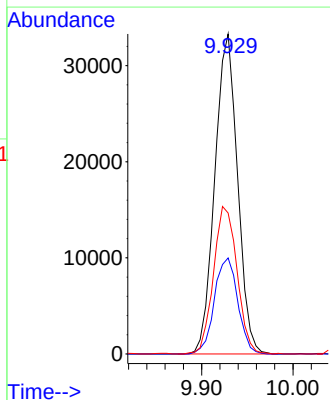
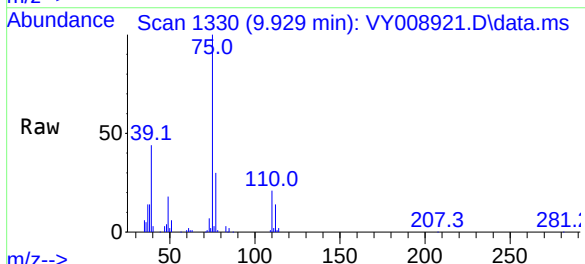
Manual Integrations
APPROVED

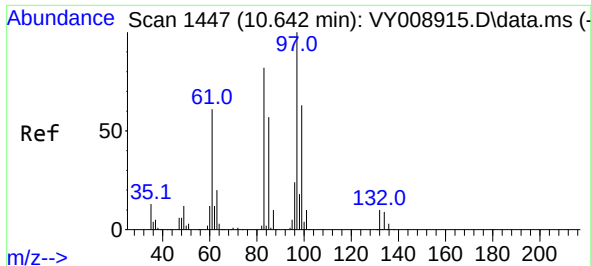
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#54
cis-1,3-Dichloropropene
Concen: 20.098 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

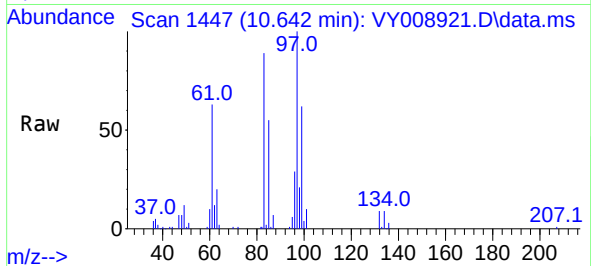
Tgt Ion: 75 Resp: 57474
Ion Ratio Lower Upper
75 100
77 30.0 25.6 38.4
39 44.1 47.6 71.4#





#55
1,1,2-Trichloroethane
Concen: 19.680 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

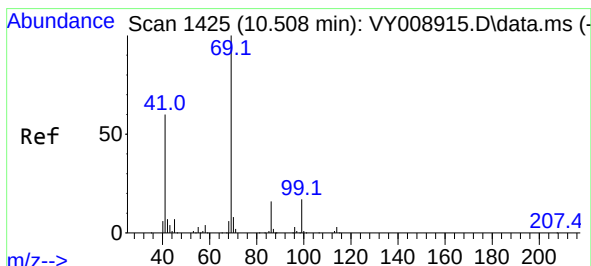
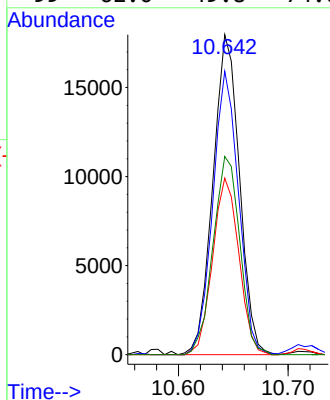
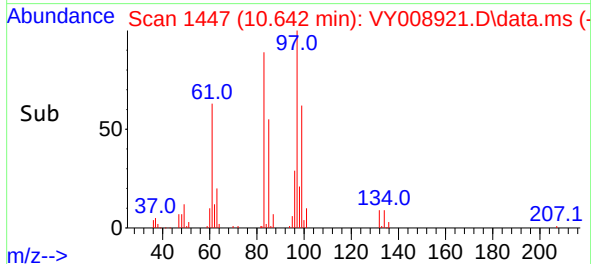
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01



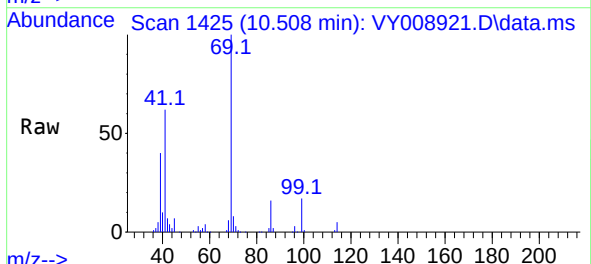
Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.6	69.8	104.8
85	55.2	44.3	66.5
99	62.0	49.8	74.6

Manual Integrations
APPROVED

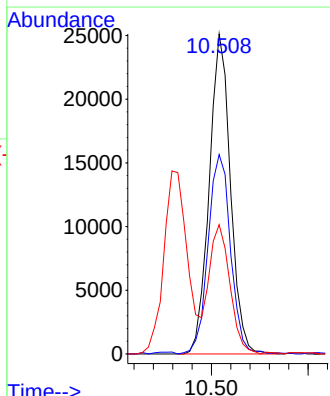
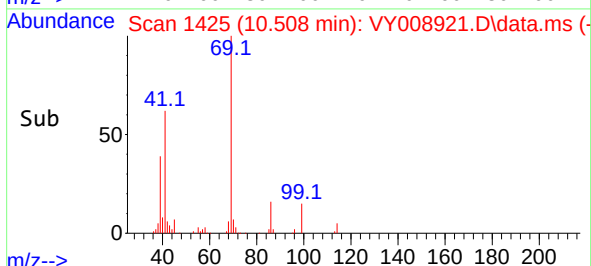
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

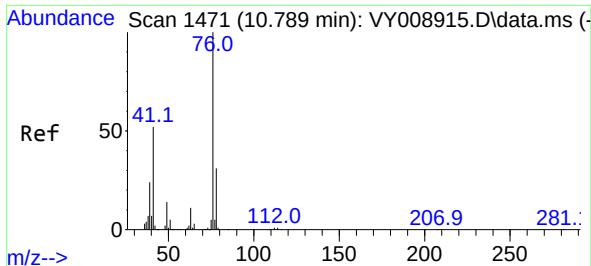


#56
Ethyl methacrylate
Concen: 19.474 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53



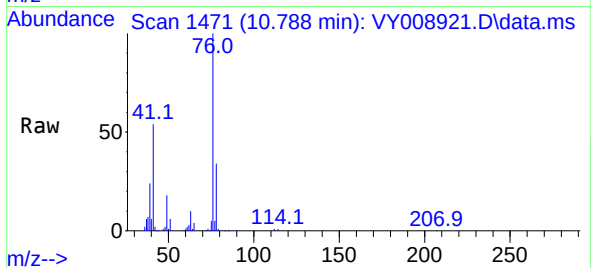
Tgt Ion	Ratio	Lower	Upper
69	100		
41	66.1	63.4	95.0
39	39.1	35.8	53.8





#57
1,3-Dichloropropane
Concen: 20.421 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.001 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

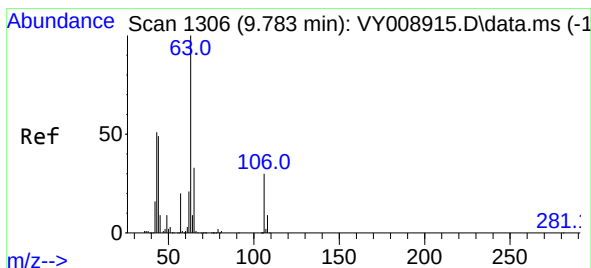
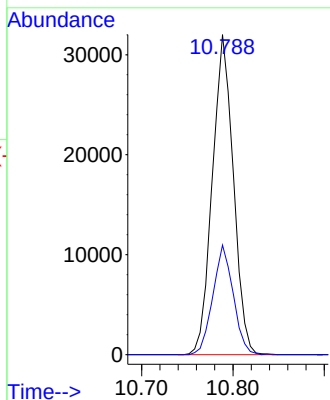
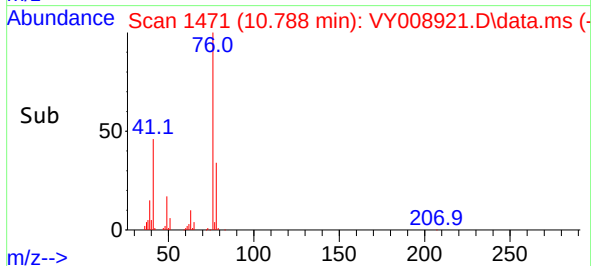
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01



Tgt Ion: 76 Resp: 51082
Ion Ratio Lower Upper
76 100
78 33.3 25.0 37.6

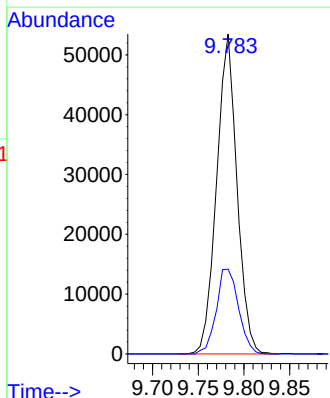
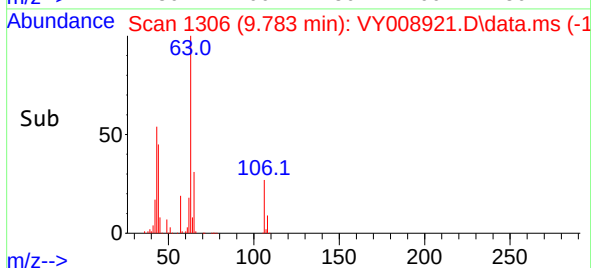
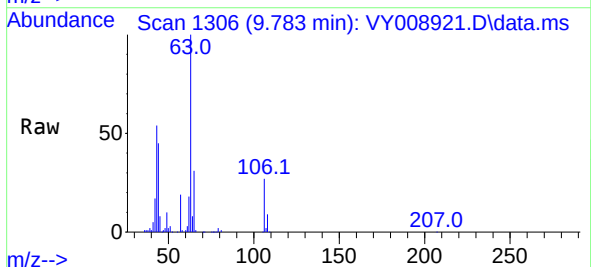
Manual Integrations
APPROVED

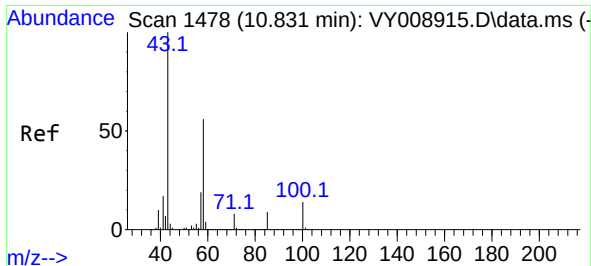
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#58
2-Chloroethyl Vinyl ether
Concen: 97.832 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. -0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

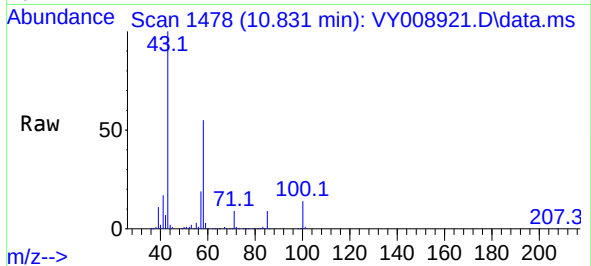
Tgt Ion: 63 Resp: 82980
Ion Ratio Lower Upper
63 100
106 28.9 21.5 32.3





#59
2-Hexanone
Concen: 104.944 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

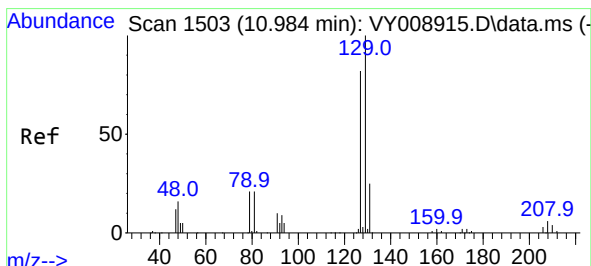
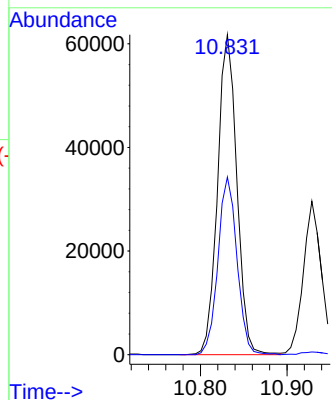
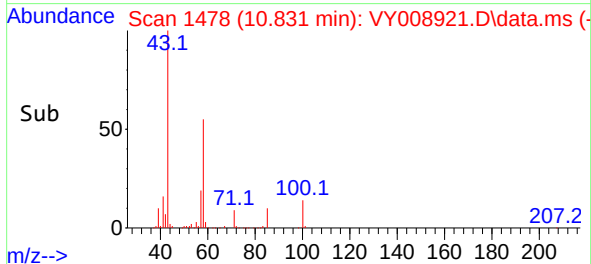
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01



Tgt Ion: 43 Resp: 9548
Ion Ratio Lower Upper
43 100
58 54.8 24.4 73.4

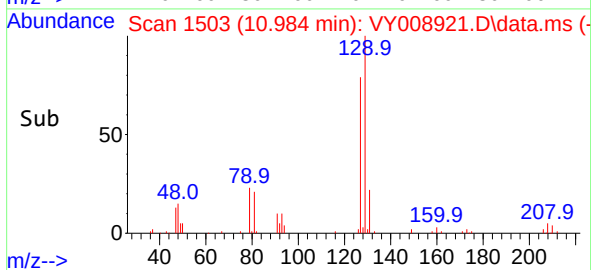
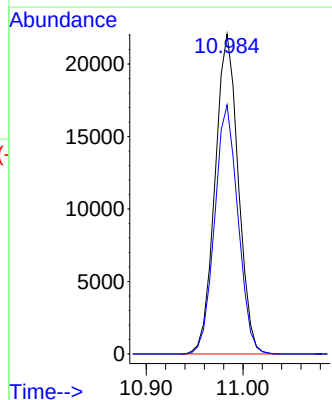
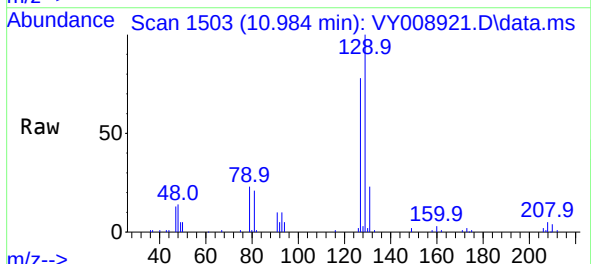
Manual Integrations
APPROVED

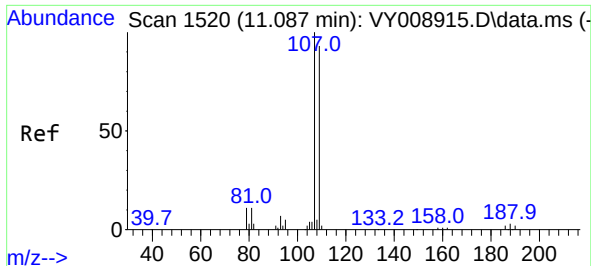
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#60
Dibromochloromethane
Concen: 19.784 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

Tgt Ion:129 Resp: 36776
Ion Ratio Lower Upper
129 100
127 78.3 38.7 116.1





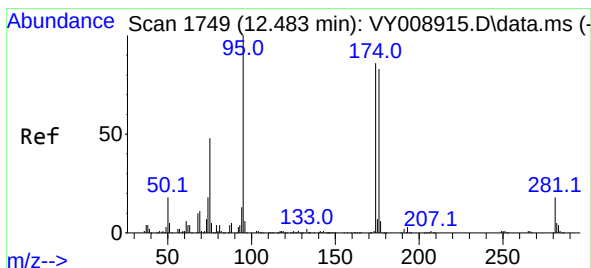
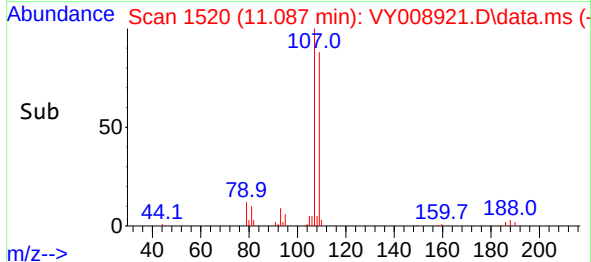
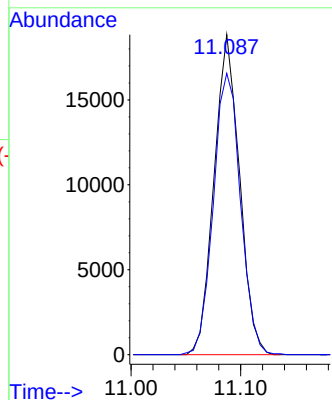
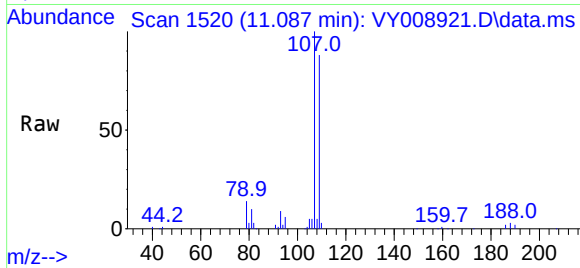
#61
1,2-Dibromoethane
Concen: 20.031 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

Tgt Ion:107 Resp: 30438
Ion Ratio Lower Upper
107 100
109 93.7 75.4 113.2

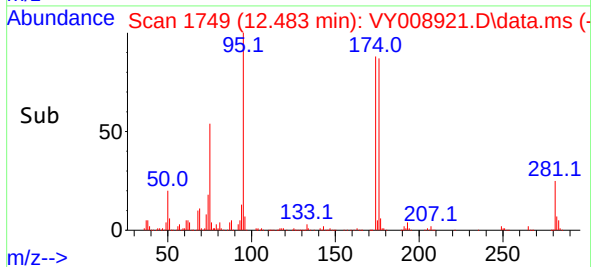
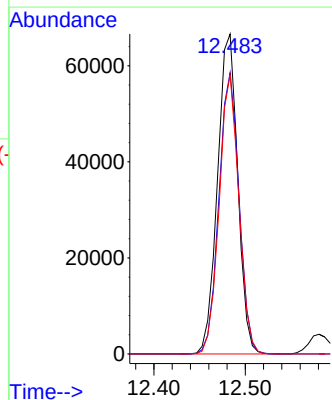
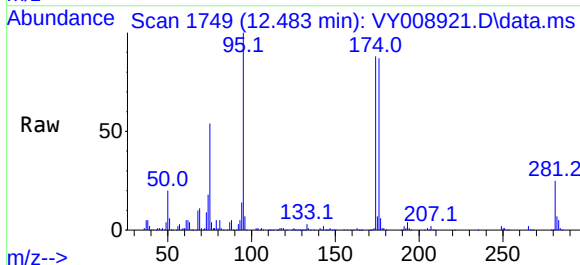
Manual Integrations
APPROVED

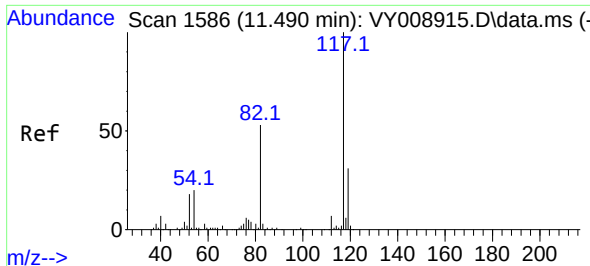
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#62
4-Bromofluorobenzene
Concen: 46.978 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

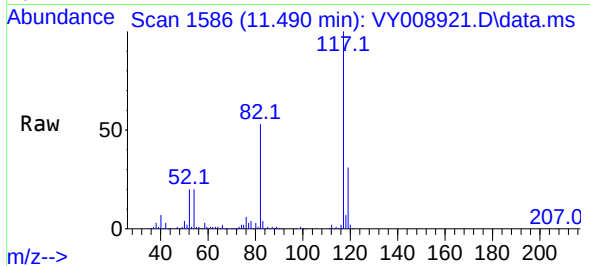
Tgt Ion: 95 Resp: 102273
Ion Ratio Lower Upper
95 100
174 87.6 0.0 177.0
176 84.9 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

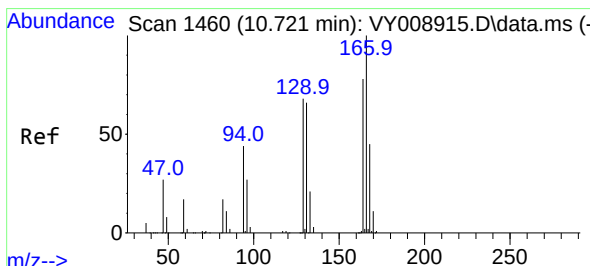
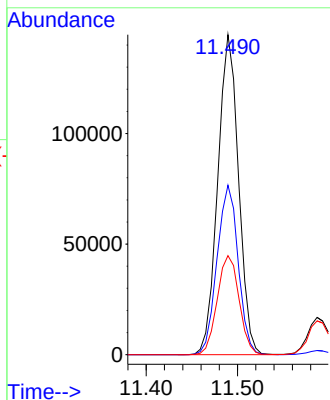
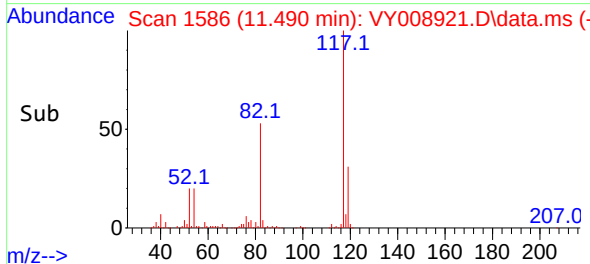
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBSD01



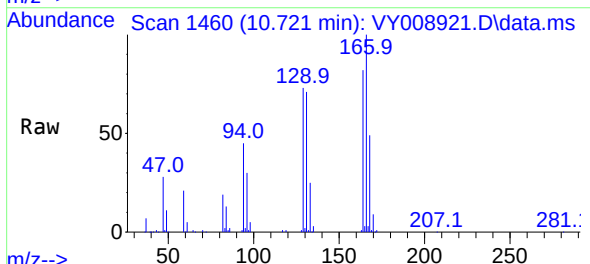
Tgt Ion:117 Resp: 229238
Ion Ratio Lower Upper
117 100
82 52.9 43.0 64.4
119 31.0 25.4 38.0

Manual Integrations
APPROVED

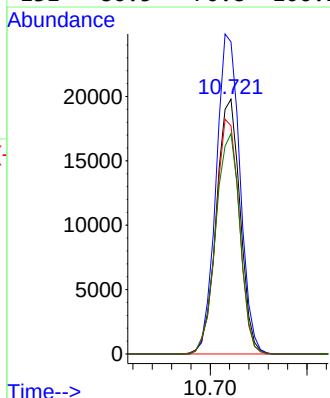
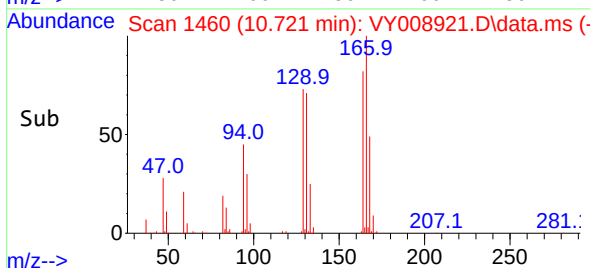
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

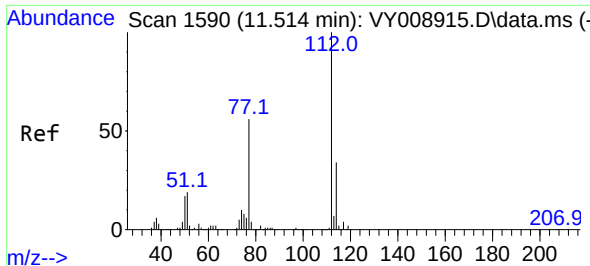


#64
Tetrachloroethene
Concen: 20.237 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53



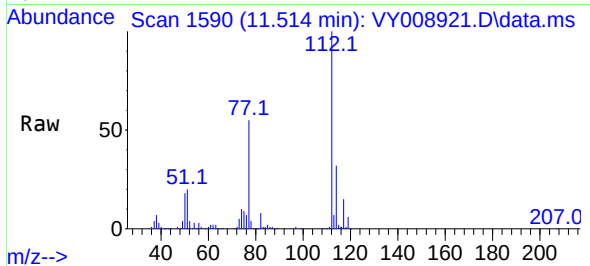
Tgt Ion:164 Resp: 33767
Ion Ratio Lower Upper
164 100
166 122.5 100.4 150.6
129 89.6 71.4 107.0
131 86.5 70.8 106.2





#65
Chlorobenzene
Concen: 20.266 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

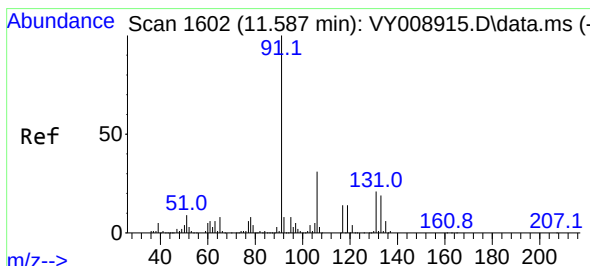
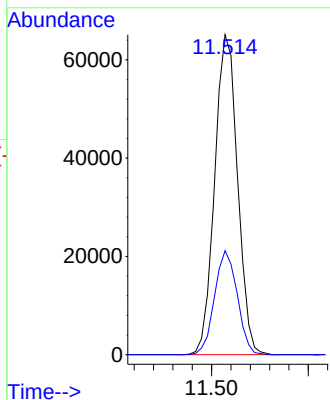
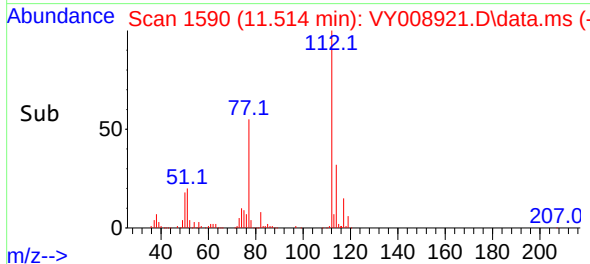
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBSD01



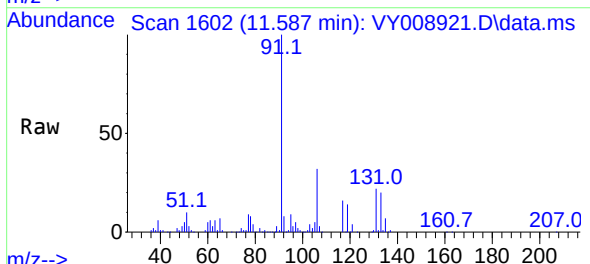
Tgt Ion:112 Resp: 106628
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.6

Manual Integrations
APPROVED

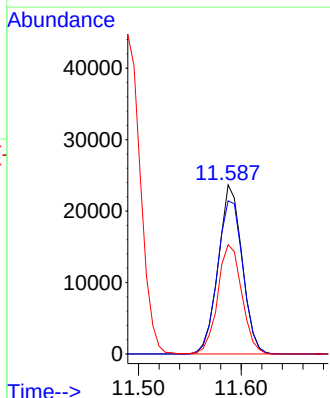
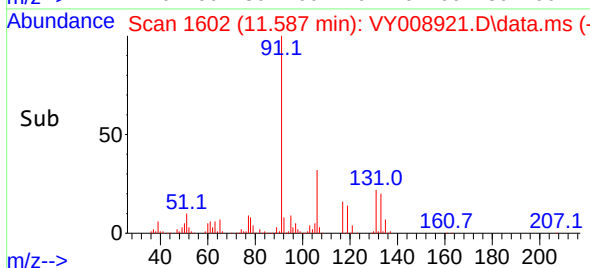
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

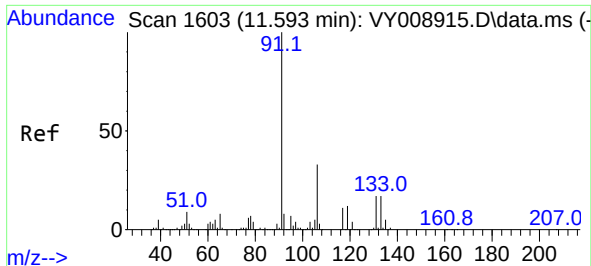


#66
1,1,1,2-Tetrachloroethane
Concen: 19.760 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53



Tgt Ion:131 Resp: 38070
Ion Ratio Lower Upper
131 100
133 96.7 47.9 143.6
119 65.4 30.8 92.3





#67

Ethyl Benzene

Concen: 19.544 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY008921.D

Acq: 20 May 2022 22:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0520SBS01

Tgt Ion: 91 Resp: 18531

Ion Ratio Lower Upper

91 100

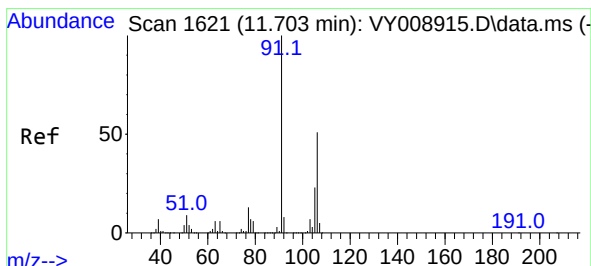
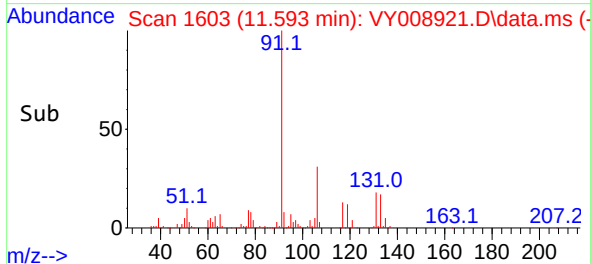
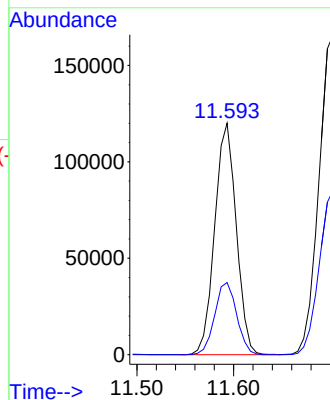
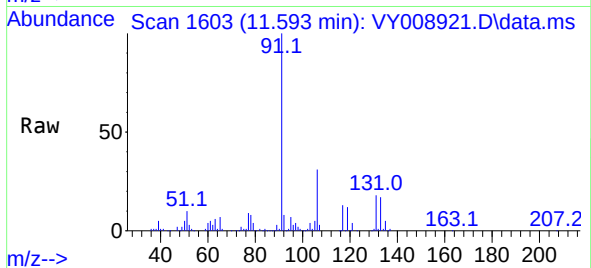
106 31.2 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/24/2022

Supervised By :Mahesh Dadoda 05/24/2022



#68

m/p-Xylenes

Concen: 39.624 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY008921.D

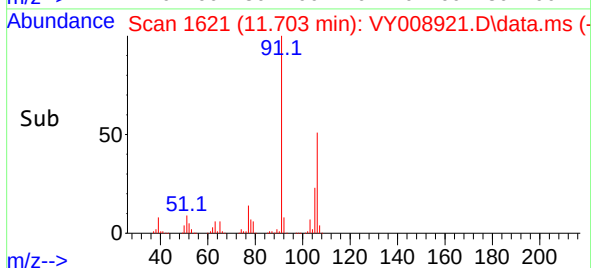
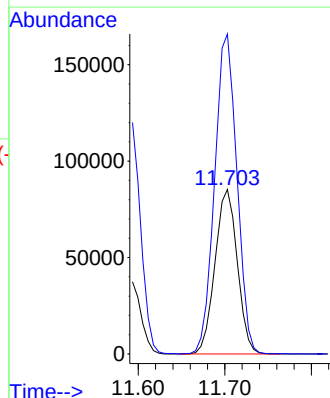
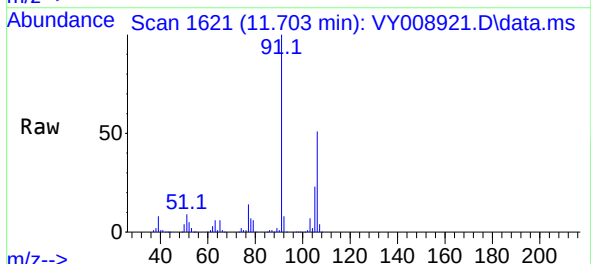
Acq: 20 May 2022 22:53

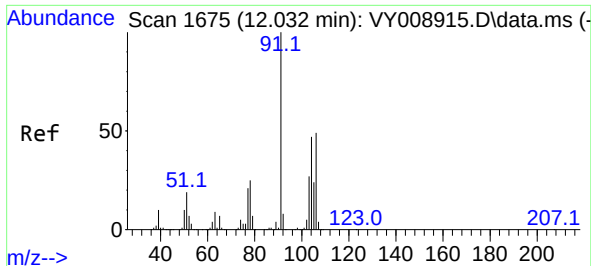
Tgt Ion:106 Resp: 152521

Ion Ratio Lower Upper

106 100

91 194.3 166.6 249.8





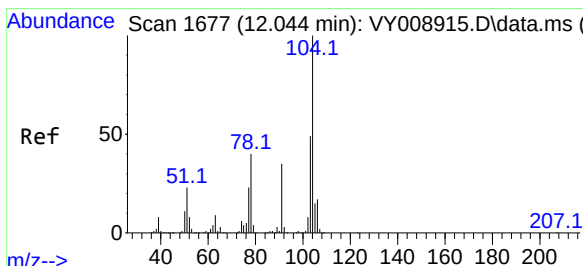
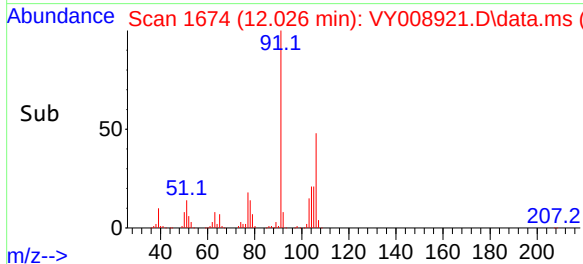
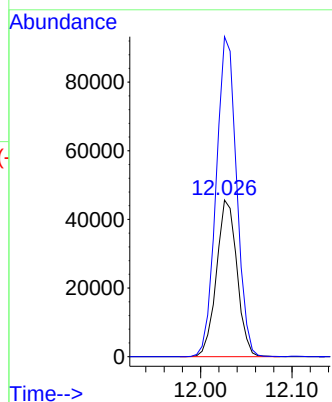
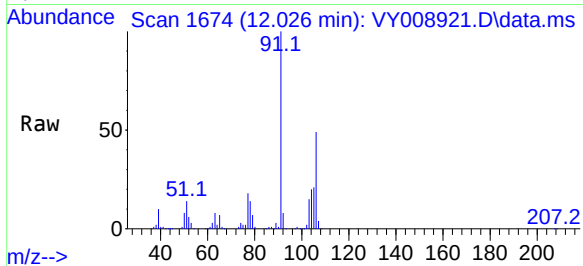
#69
o-Xylene
Concen: 19.922 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBSD01

Tgt Ion:106 Resp: 71212
Ion Ratio Lower Upper
106 100
91 203.4 110.3 331.0

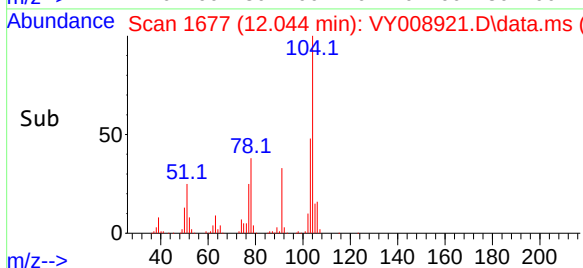
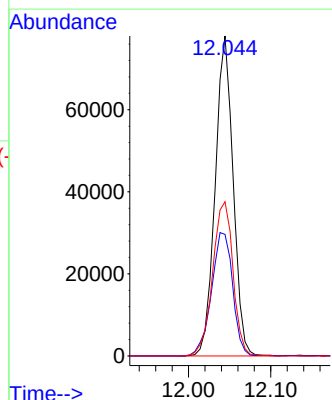
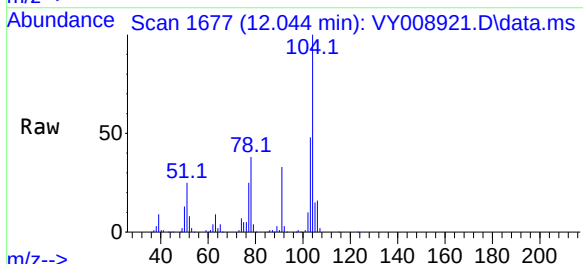
Manual Integrations
APPROVED

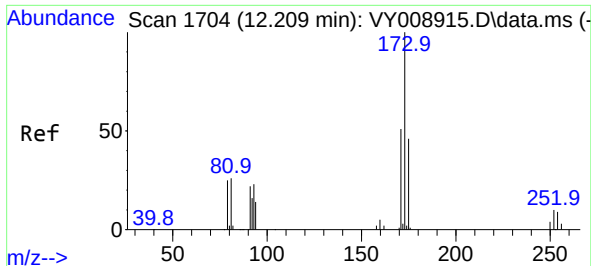
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#70
Styrene
Concen: 19.268 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

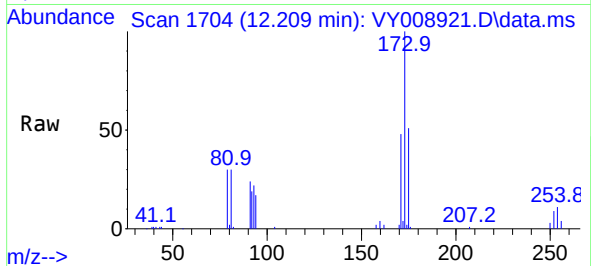
Tgt Ion:104 Resp: 118441
Ion Ratio Lower Upper
104 100
78 45.4 42.4 63.6
103 54.7 44.4 66.6





#71
Bromoform
Concen: 19.102 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

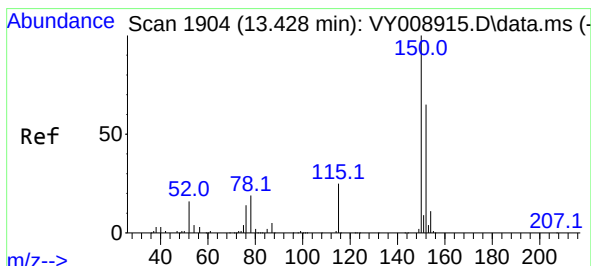
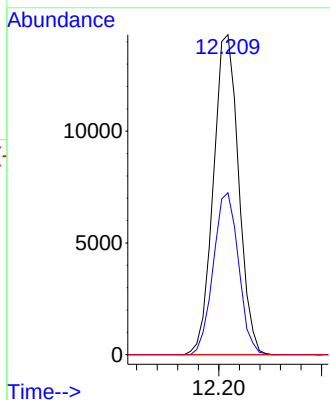
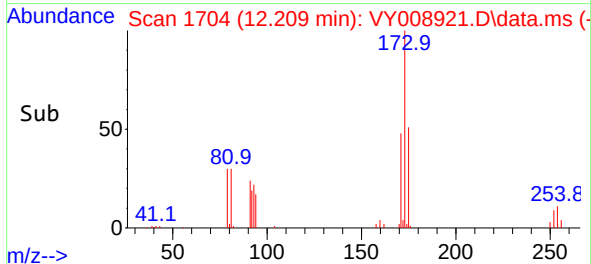
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01



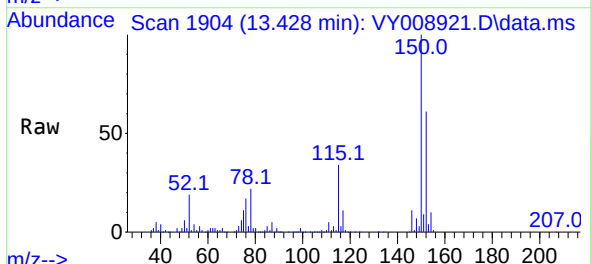
Tgt Ion:173 Resp: 24390
Ion Ratio Lower Upper
173 100
175 50.6 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

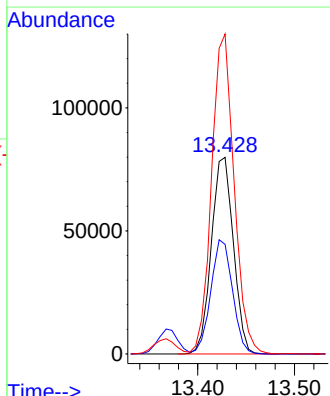
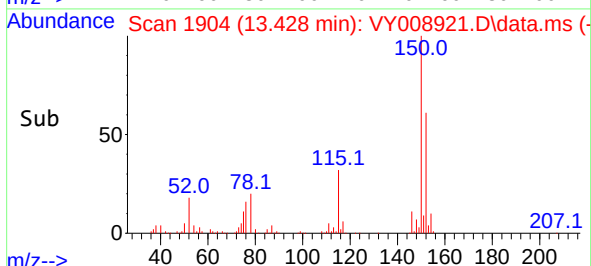
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

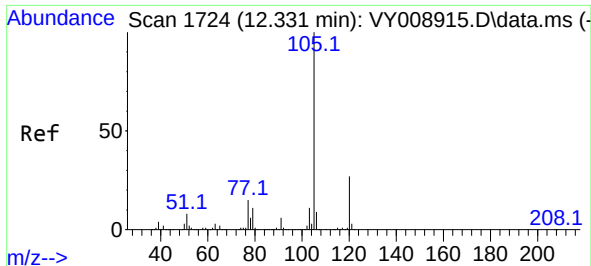


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53



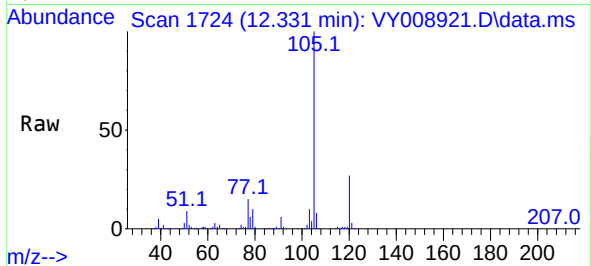
Tgt Ion:152 Resp: 126464
Ion Ratio Lower Upper
152 100
115 57.2 28.2 84.7
150 165.9 0.0 347.6





#73
Isopropylbenzene
Concen: 19.754 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

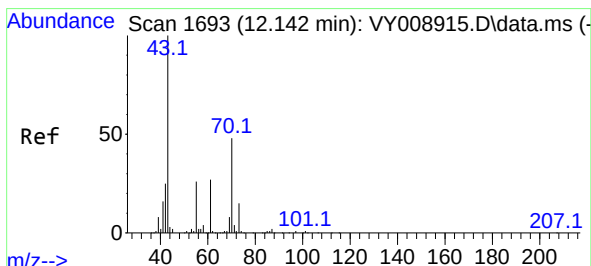
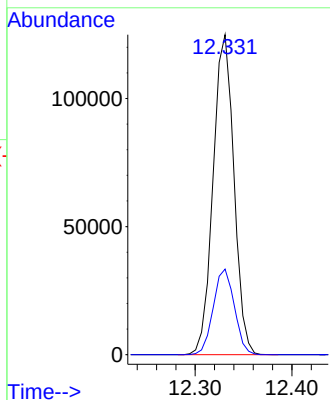
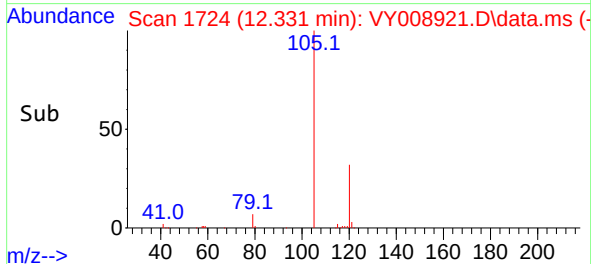
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBSD01



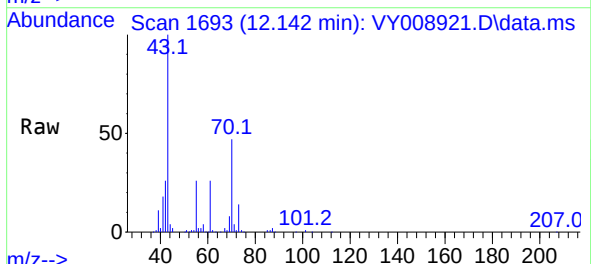
Tgt Ion: 105 Resp: 186800
Ion Ratio Lower Upper
105 100
120 27.0 13.4 40.2

Manual Integrations
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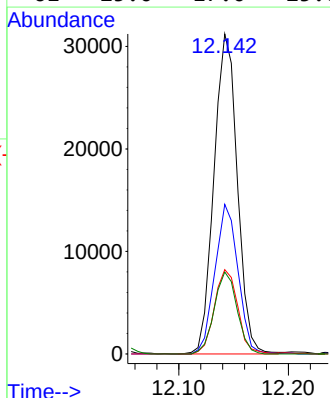
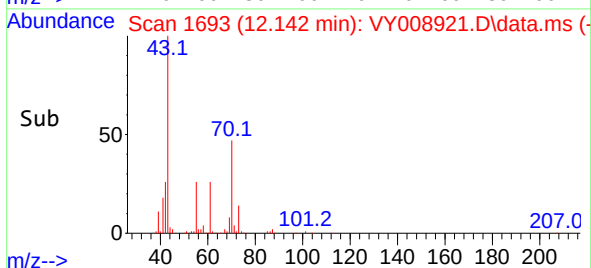
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

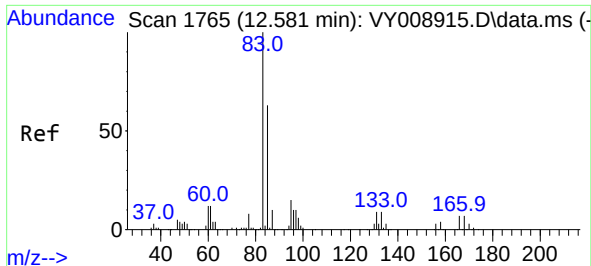


#74
N-ethyl acetate
Concen: 21.197 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53



Tgt Ion: 43 Resp: 46246
Ion Ratio Lower Upper
43 100
70 46.4 28.7 43.1#
55 26.3 17.3 25.9#
61 25.0 17.0 25.6





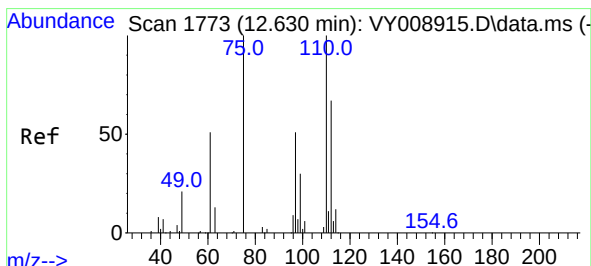
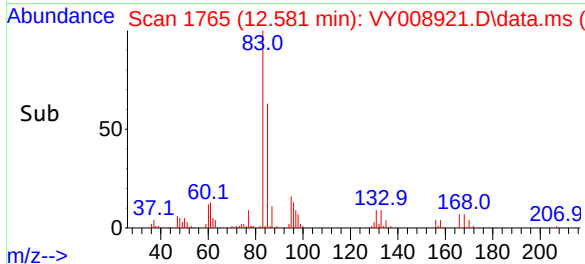
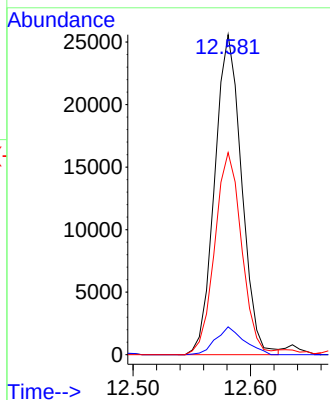
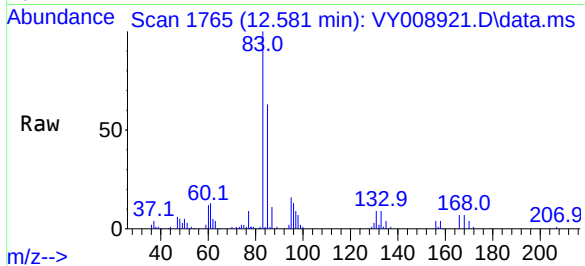
#75
1,1,2,2-Tetrachloroethane
Concen: 20.917 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

Tgt Ion: 83 Resp: 40740
Ion Ratio Lower Upper
83 100
131 9.1 5.6 16.8
85 63.1 32.3 96.8

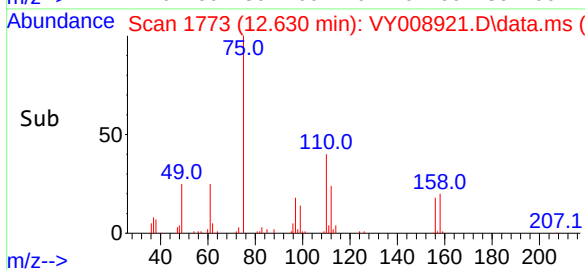
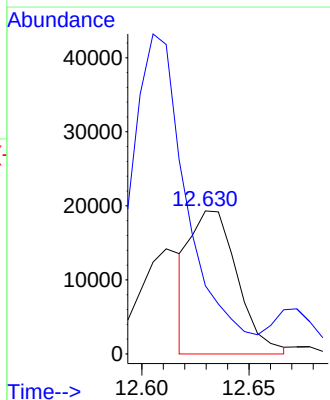
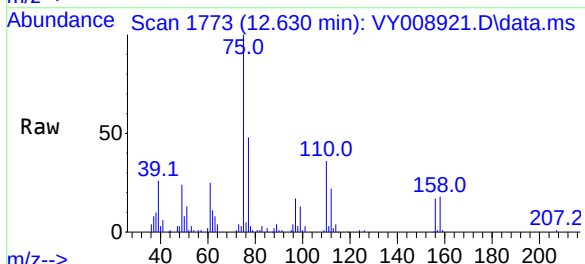
Manual Integrations
APPROVED

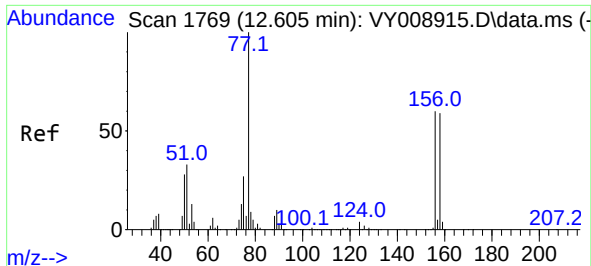
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#76
1,2,3-Trichloropropane
Concen: 21.598 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

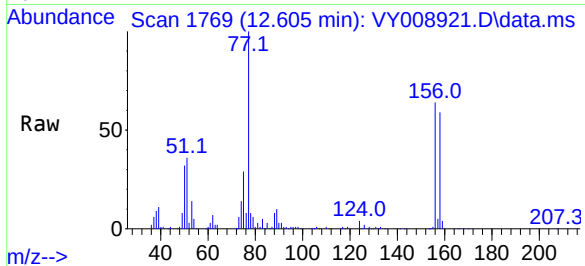
Tgt Ion: 75 Resp: 29331
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 20.056 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

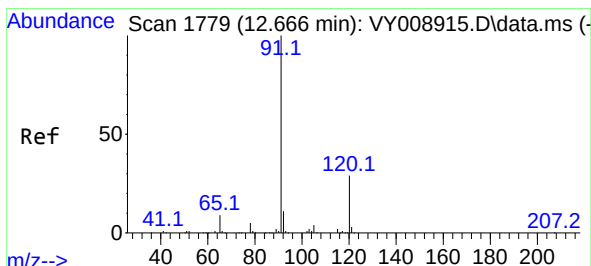
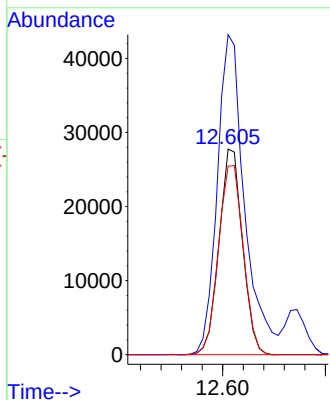
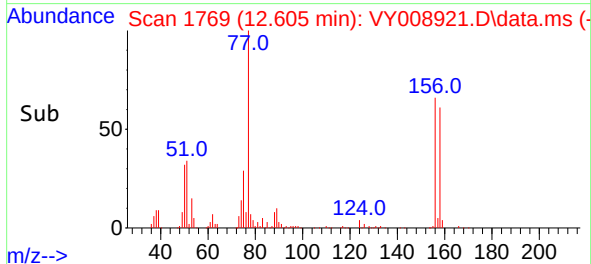
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01



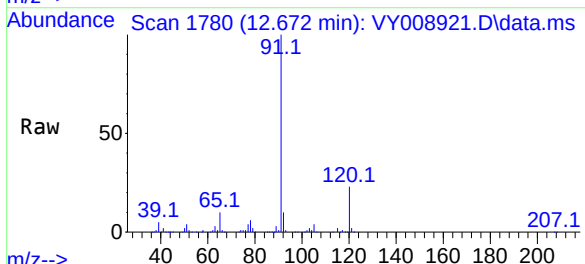
Tgt Ion: 156 Resp: 43964
Ion Ratio Lower Upper
156 100
77 181.2 95.5 286.4
158 97.1 48.0 144.0

Manual Integrations
APPROVED

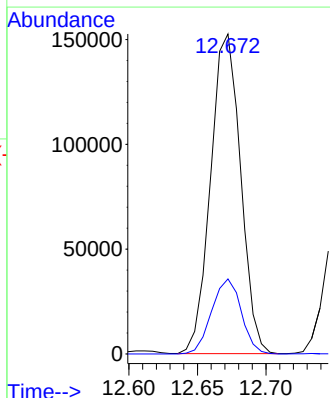
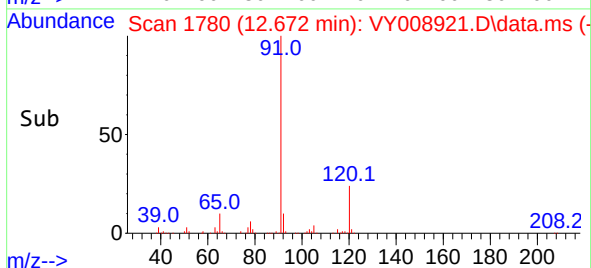
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

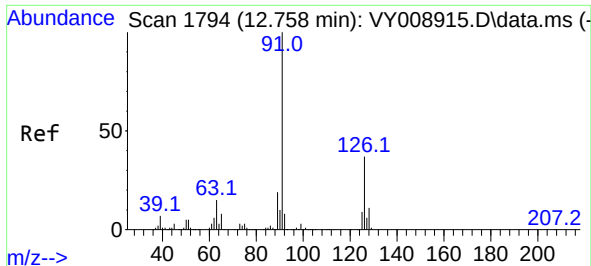


#78
n-propylbenzene
Concen: 21.289 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53



Tgt Ion: 91 Resp: 232592
Ion Ratio Lower Upper
91 100
120 23.1 11.3 33.9





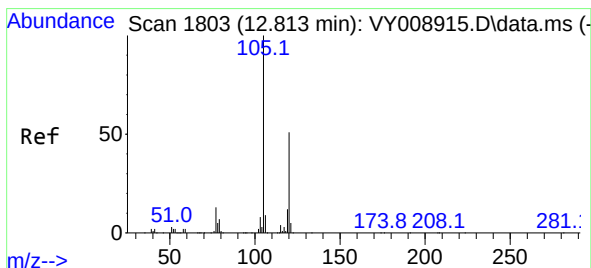
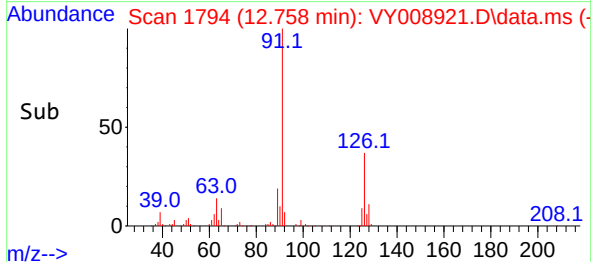
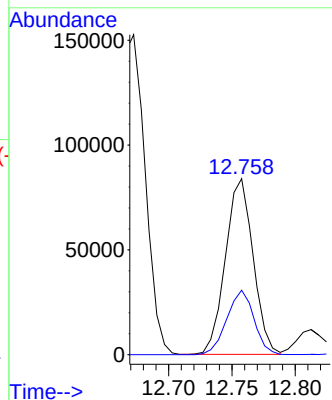
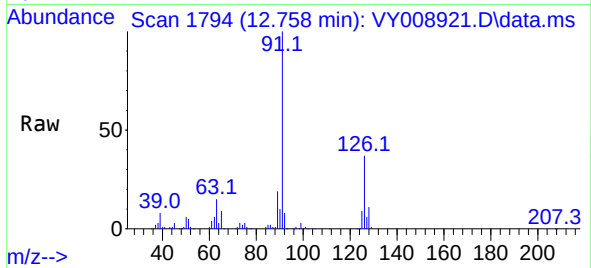
#79
2-Chlorotoluene
Concen: 20.296 ug/l
RT: 12.758 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

Tgt Ion: 91 Resp: 12790
Ion Ratio Lower Upper
91 100
126 36.0 16.9 50.6

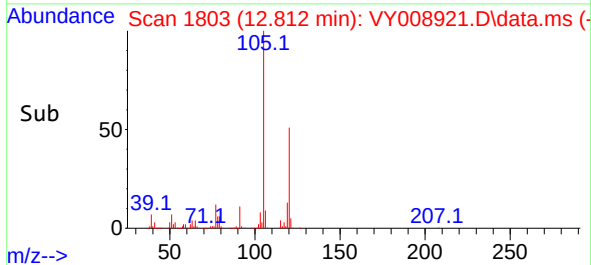
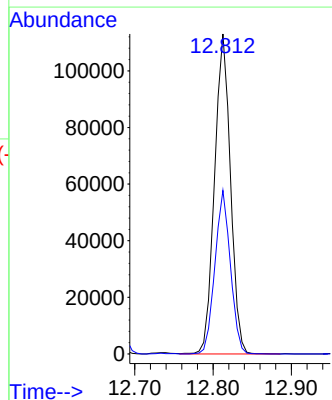
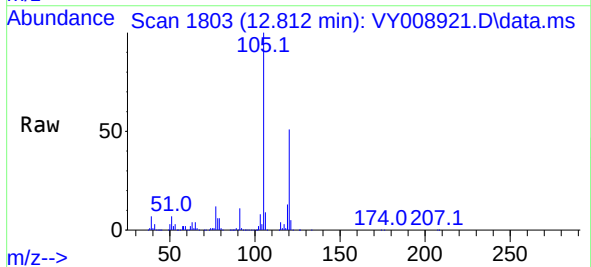
Manual Integrations
APPROVED

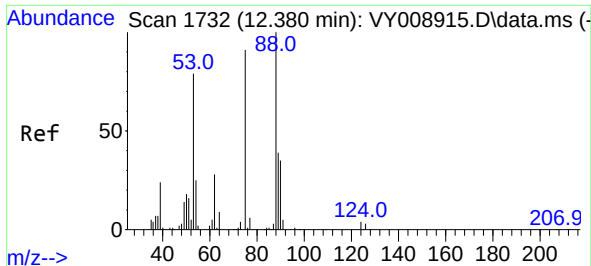
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.155 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.001 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

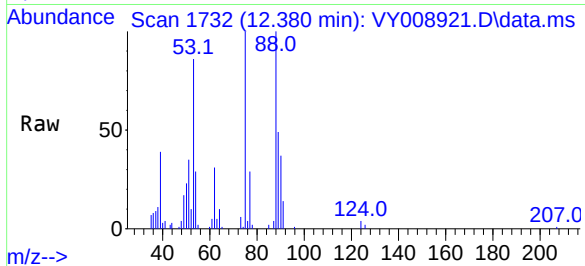
Tgt Ion:105 Resp: 159746
Ion Ratio Lower Upper
105 100
120 49.6 24.4 73.4





#81
trans-1,4-Dichloro-2-butene
Concen: 20.234 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

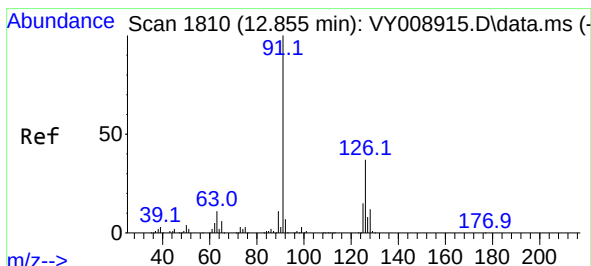
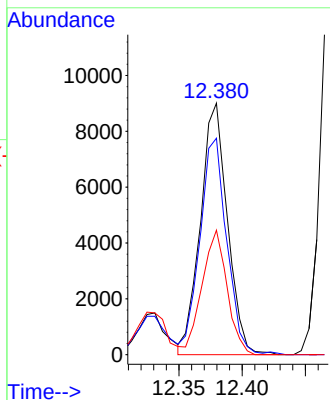
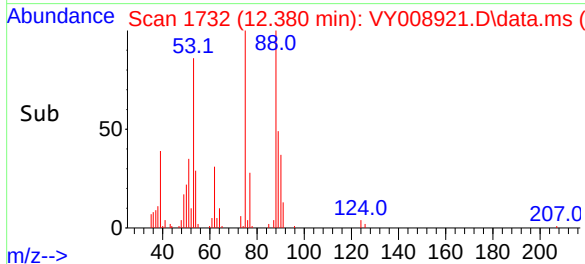
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01



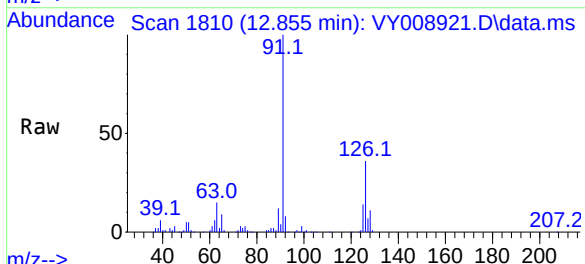
Tgt Ion: 75 Resp: 13388
Ion Ratio Lower Upper
75 100
53 85.9 85.3 127.9
89 45.5 37.0 55.4

Manual Integrations
APPROVED

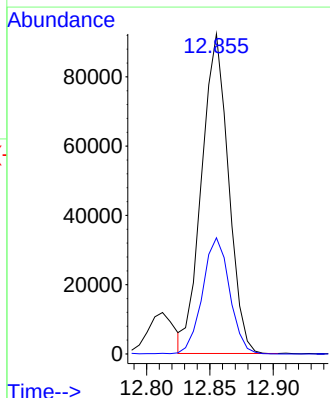
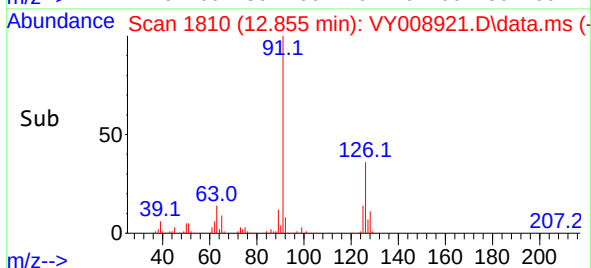
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

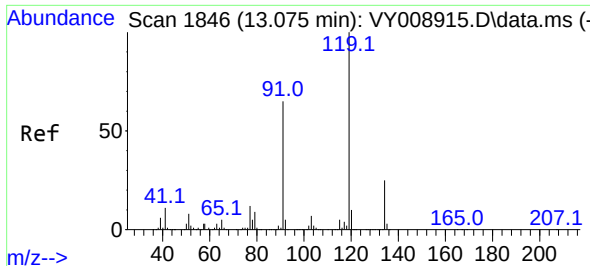


#82
4-Chlorotoluene
Concen: 20.162 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53



Tgt Ion: 91 Resp: 135901
Ion Ratio Lower Upper
91 100
126 36.8 17.0 51.0





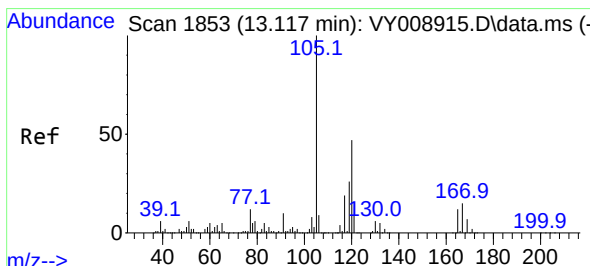
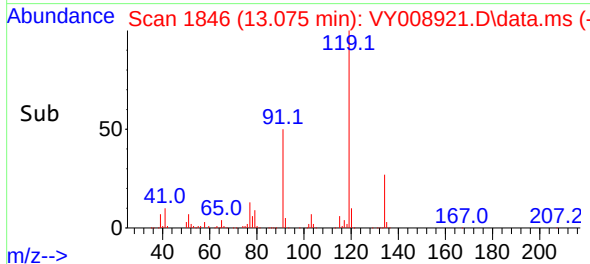
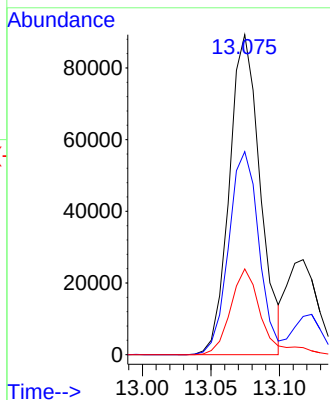
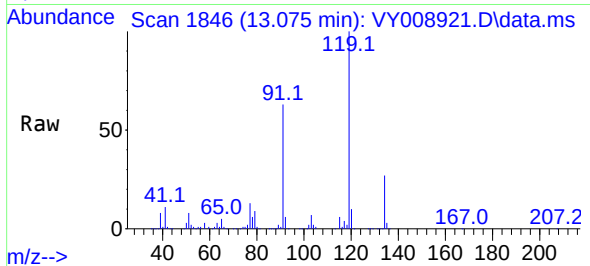
#83
tert-Butylbenzene
Concen: 19.915 ug/l
RT: 13.075 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

Tgt Ion:119 Resp: 14004
Ion Ratio Lower Upper
119 100
91 62.1 34.8 104.4
134 27.0 13.3 39.9

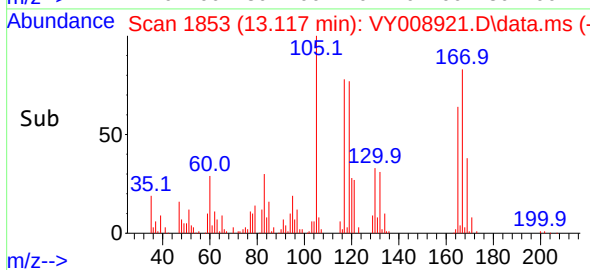
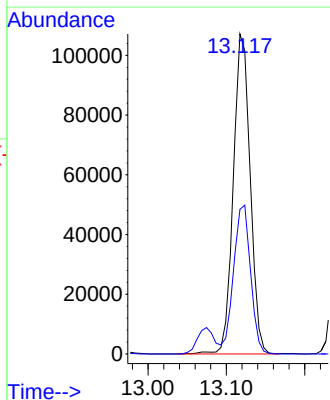
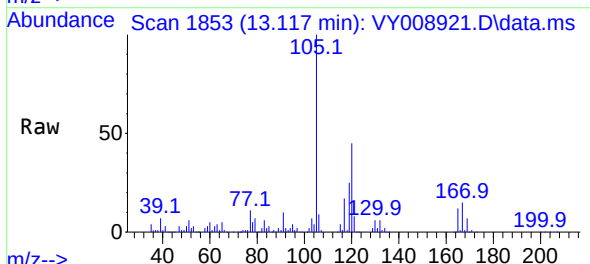
Manual Integrations
APPROVED

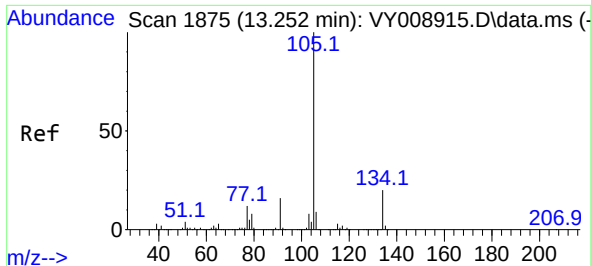
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#84
1,2,4-Trimethylbenzene
Concen: 20.335 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

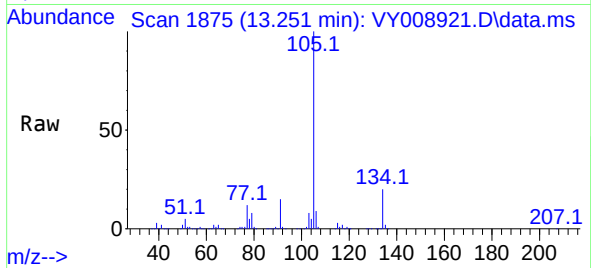
Tgt Ion:105 Resp: 159997
Ion Ratio Lower Upper
105 100
120 46.8 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 20.477 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.001 min
 Lab File: VY008921.D
 Acq: 20 May 2022 22:53

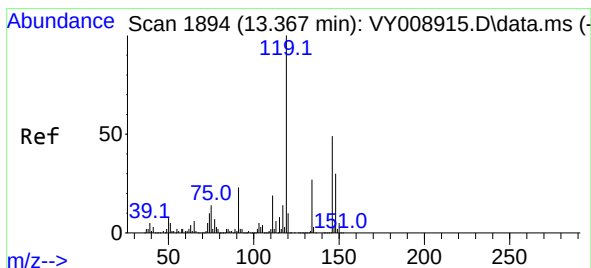
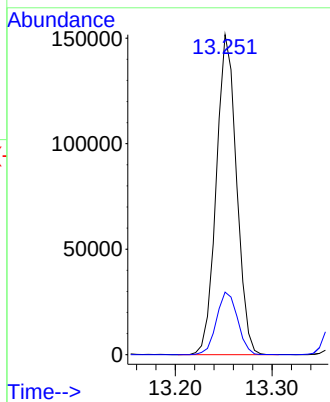
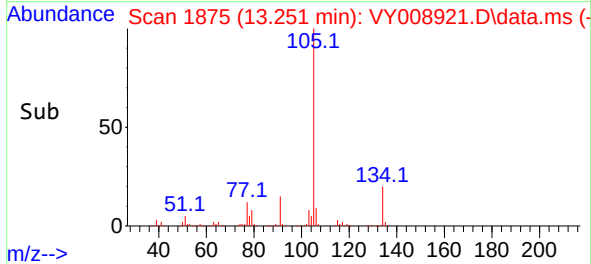
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0520SBSD01



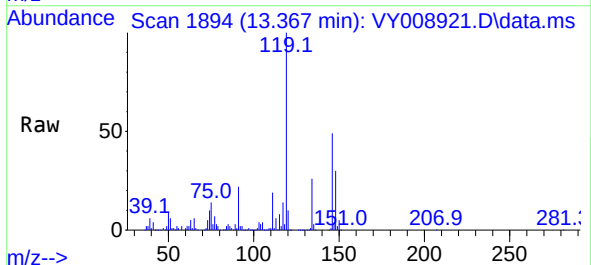
Tgt Ion:105 Resp: 220310
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.2 30.4

Manual Integrations
 APPROVED

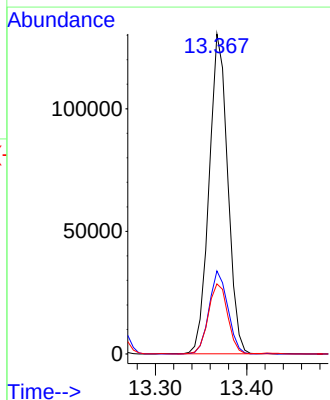
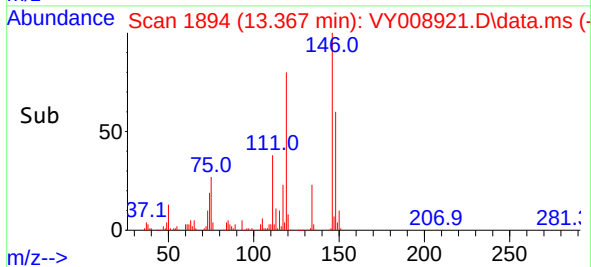
Reviewed By :John Carlone 05/24/2022
 Supervised By :Mahesh Dadoda 05/24/2022

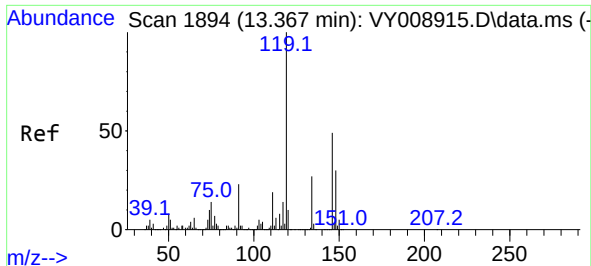


#86
 p-Isopropyltoluene
 Concen: 20.509 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY008921.D
 Acq: 20 May 2022 22:53



Tgt Ion:119 Resp: 184003
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.2 39.5
 91 22.9 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 20.422 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008921.D

Acq: 20 May 2022 22:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0520SBS01

Tgt Ion:146 Resp: 95494

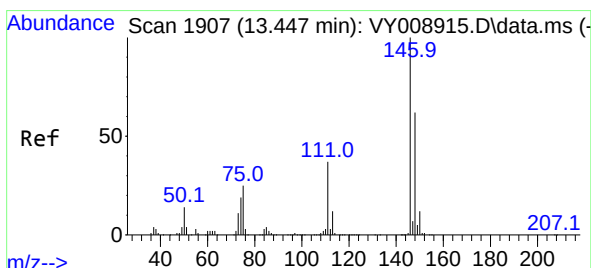
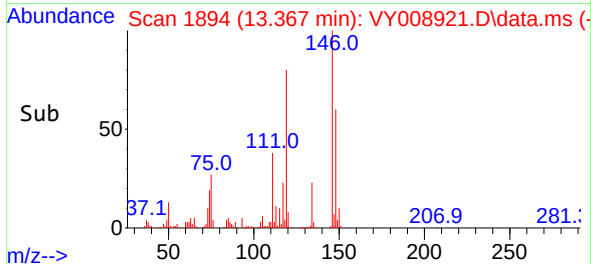
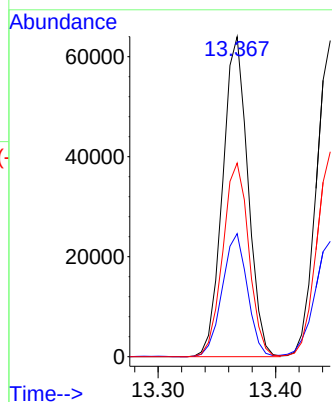
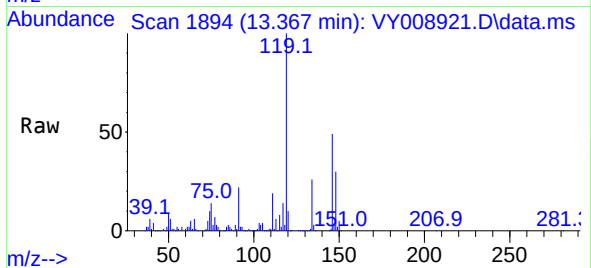
Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.5	58.5
148	62.4	31.6	95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/24/2022

Supervised By :Mahesh Dadoda 05/24/2022



#88

1,4-Dichlorobenzene

Concen: 20.253 ug/l

RT: 13.447 min Scan# 1907

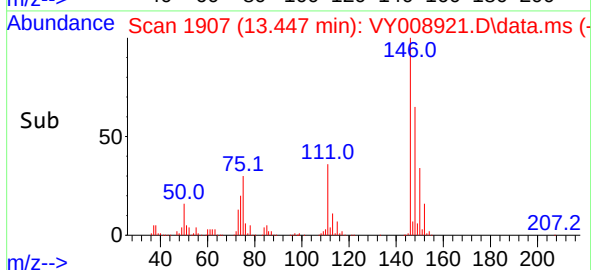
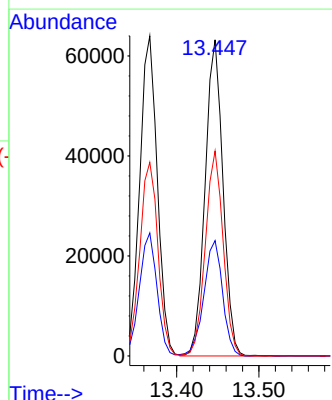
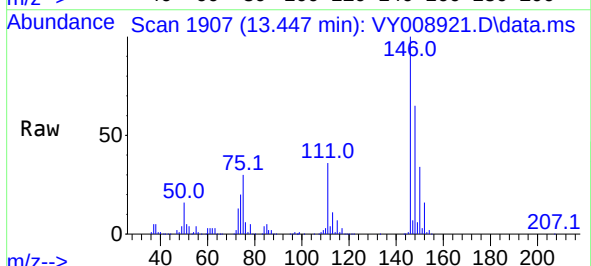
Delta R.T. -0.000 min

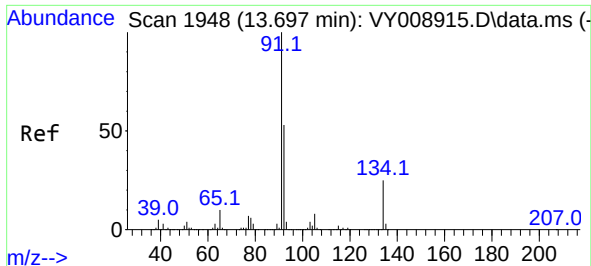
Lab File: VY008921.D

Acq: 20 May 2022 22:53

Tgt Ion:146 Resp: 95143

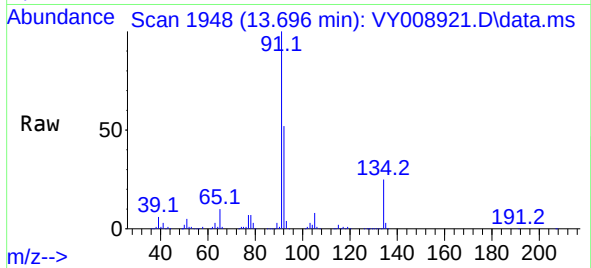
Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.3	57.8
148	64.9	32.6	97.8





#89
n-Butylbenzene
Concen: 21.152 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.001 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

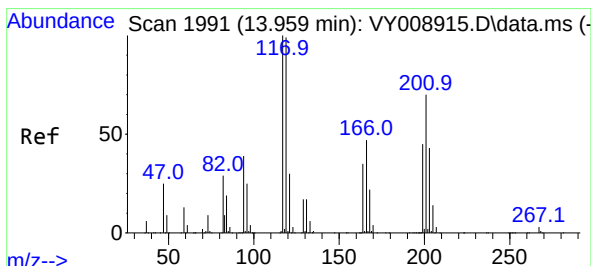
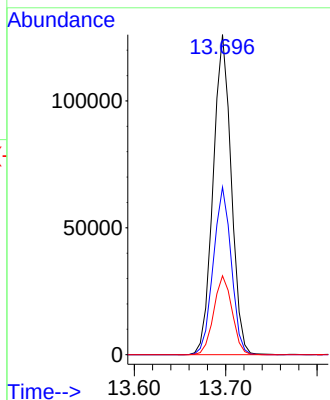
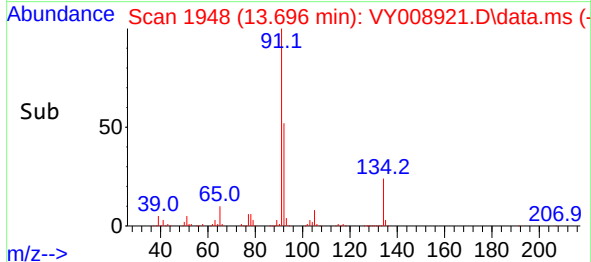
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01



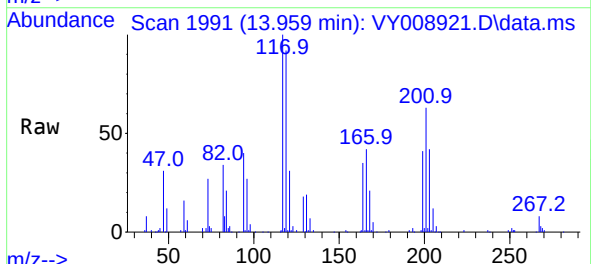
Tgt Ion: 91 Resp: 173612
Ion Ratio Lower Upper
91 100
92 52.1 26.3 78.9
134 24.9 13.0 38.9

Manual Integrations
APPROVED

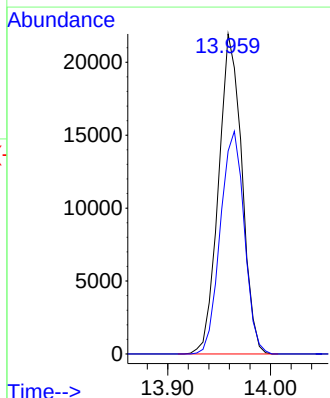
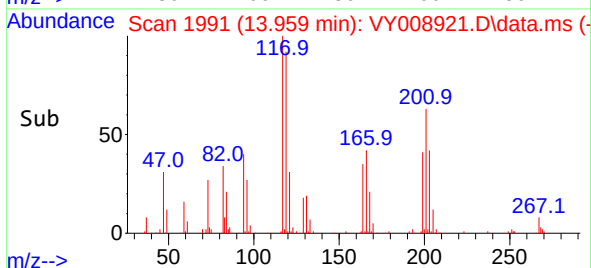
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

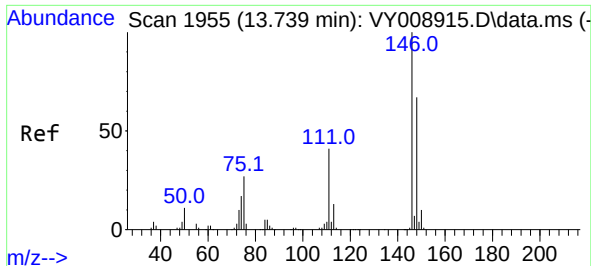


#90
Hexachloroethane
Concen: 20.534 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53



Tgt Ion:117 Resp: 34524
Ion Ratio Lower Upper
117 100
201 71.5 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 20.446 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY008921.D

Acq: 20 May 2022 22:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0520SBS01

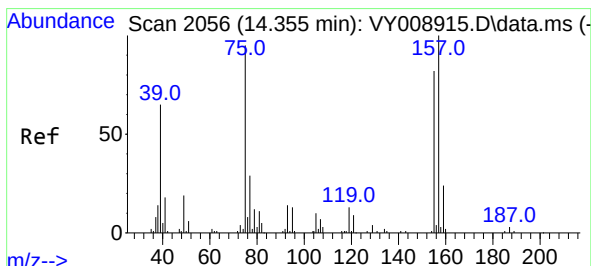
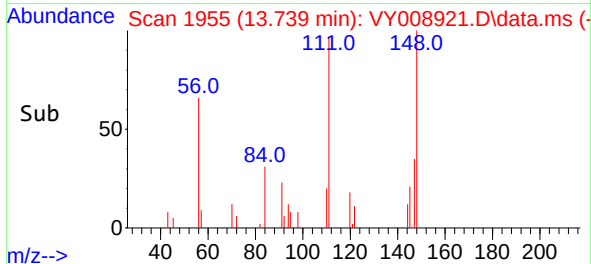
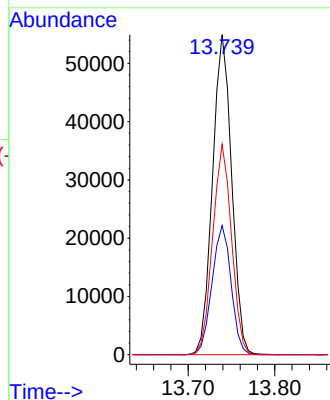
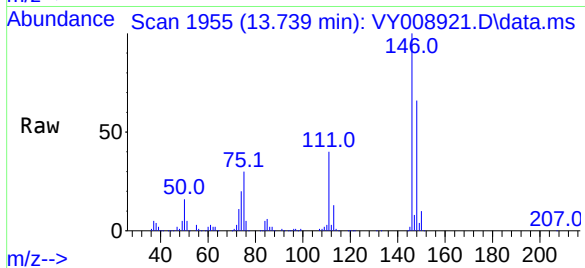
Tgt Ion:	146	Resp:	84394
Ion Ratio	Lower	Upper	
146	100		
111	40.2	20.3	60.9
148	64.9	32.3	96.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/24/2022

Supervised By :Mahesh Dadoda 05/24/2022



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.064 ug/l

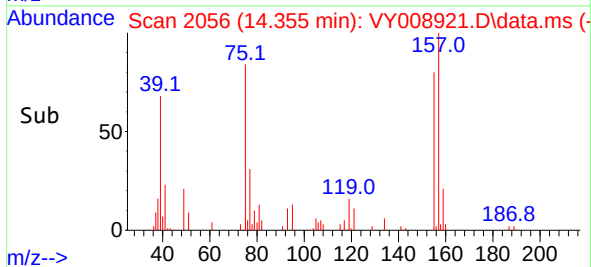
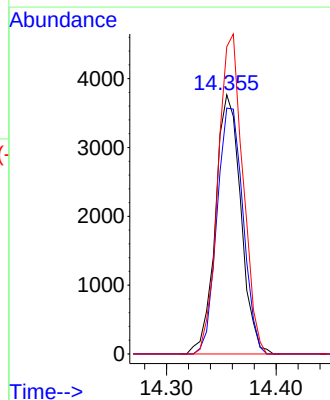
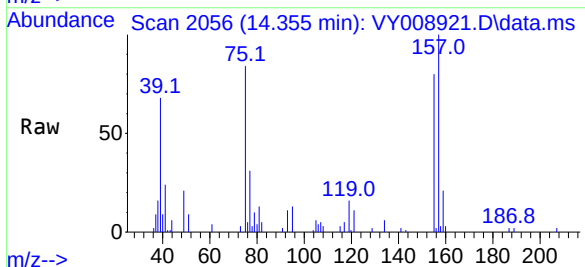
RT: 14.355 min Scan# 2056

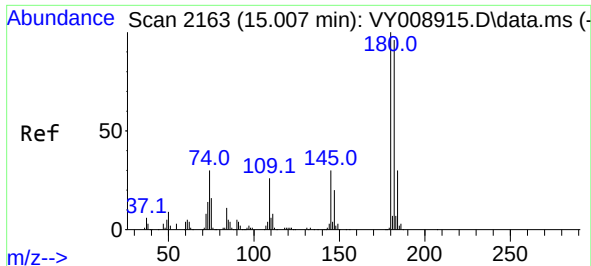
Delta R.T. -0.000 min

Lab File: VY008921.D

Acq: 20 May 2022 22:53

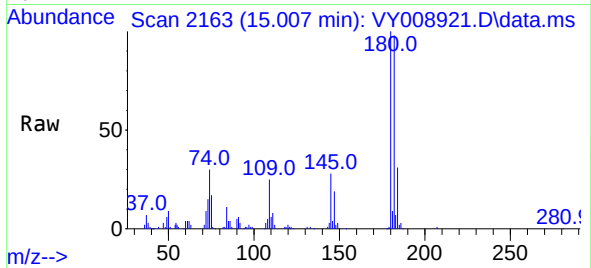
Tgt Ion:	75	Resp:	6068
Ion Ratio	Lower	Upper	
75	100		
155	96.7	38.0	113.9
157	120.2	47.8	143.3





#93
1,2,4-Trichlorobenzene
Concen: 19.986 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

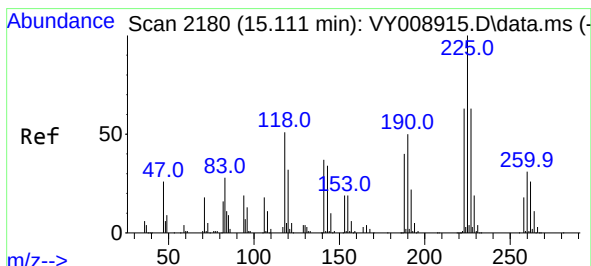
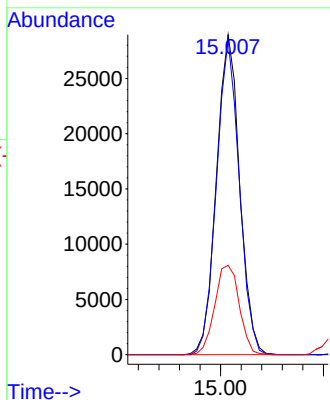
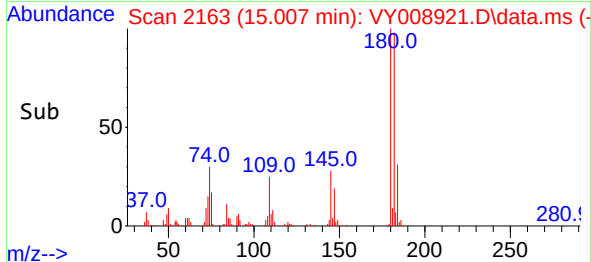
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01



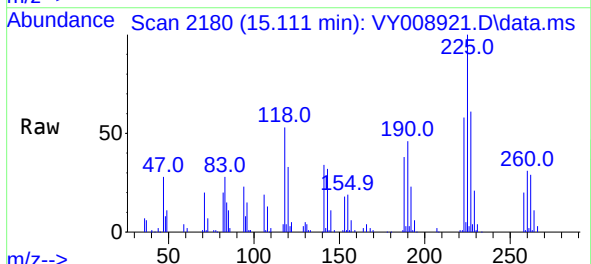
Tgt Ion:180 Resp: 45274
Ion Ratio Lower Upper
180 100
182 96.6 47.3 141.9
145 29.6 14.6 43.8

Manual Integrations
APPROVED

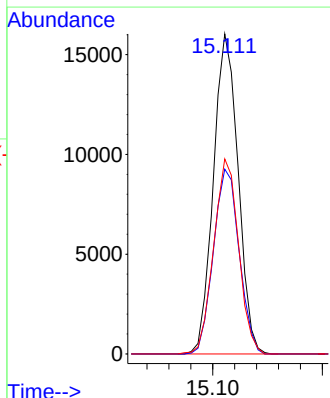
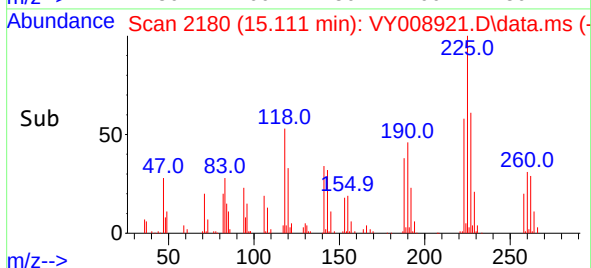
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

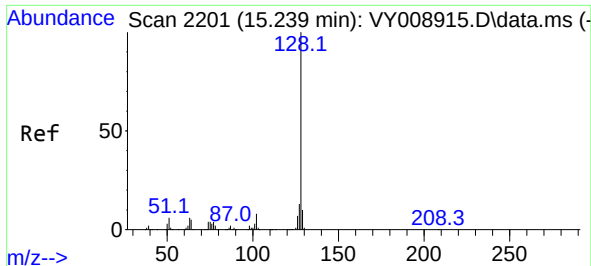


#94
Hexachlorobutadiene
Concen: 20.325 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53



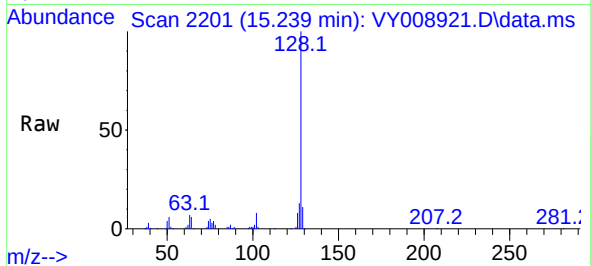
Tgt Ion:225 Resp: 25095
Ion Ratio Lower Upper
225 100
223 60.1 30.8 92.3
227 61.3 31.6 94.7





#95
Naphthalene
Concen: 20.942 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

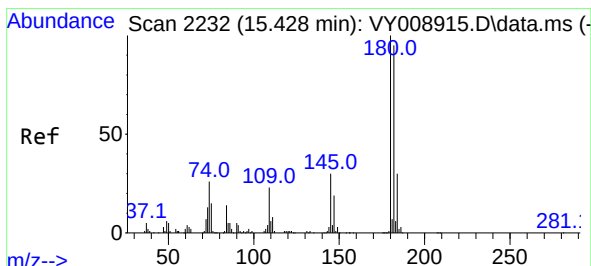
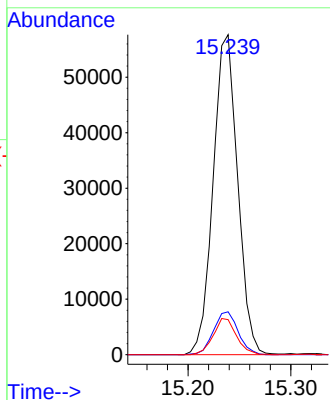
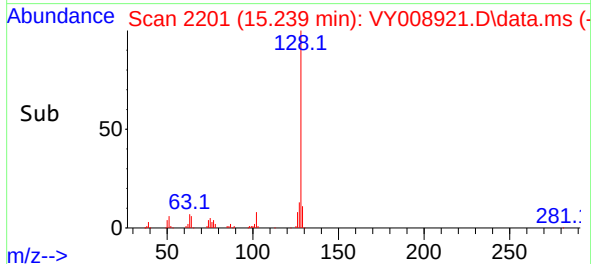
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBSD01



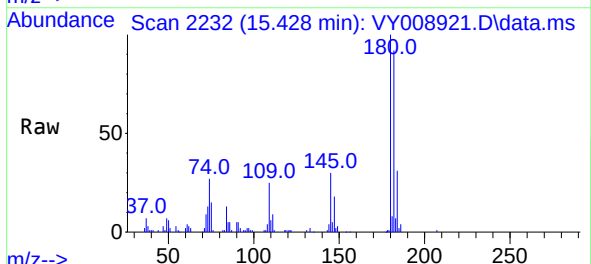
Tgt Ion:128 Resp: 95302
Ion Ratio Lower Upper
128 100
127 13.5 11.0 16.4
129 10.8 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#96
1,2,3-Trichlorobenzene
Concen: 20.317 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53



Tgt Ion:180 Resp: 39994
Ion Ratio Lower Upper
180 100
182 96.7 47.3 141.9
145 31.4 15.3 45.9

