

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022422\
 Data File : VY007617.D
 Acq On : 24 Feb 2022 14:20
 Operator : SY/MD
 Sample : VY0224SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0224SBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/25/2022
 Supervised By : Mahesh Dadoda 02/25/2022

Quant Time: Feb 25 05:41:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 24 07:13:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	92085	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	136842	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	122382	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	56079	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	37781	36.881	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	73.760%		
35) Dibromofluoromethane	7.715	113	38115	44.142	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	88.280%		
50) Toluene-d8	10.178	98	133560	42.428	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	84.860%		
62) 4-Bromofluorobenzene	12.483	95	43938	40.244	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	80.480%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	23501	20.635	ug/l	98
3) Chloromethane	2.113	50	22267	20.235	ug/l	96
4) Vinyl Chloride	2.253	62	24600	18.210	ug/l	96
5) Bromomethane	2.655	94	16986	18.413	ug/l	95
6) Chloroethane	2.796	64	15489	18.021	ug/l	89
7) Trichlorofluoromethane	3.131	101	45832	17.588	ug/l	96
8) Diethyl Ether	3.539	74	10083	15.165	ug/l	60
9) 1,1,2-Trichlorotrifluo...	3.905	101	19422	17.348	ug/l	95
10) Methyl Iodide	4.094	142	24184	17.700	ug/l	97
11) Tert butyl alcohol	4.948	59	6451	62.525	ug/l	97
12) 1,1-Dichloroethene	3.875	96	18494	17.780	ug/l #	68
13) Acrolein	3.728	56	9623	72.988	ug/l	95
14) Allyl chloride	4.484	41	16719	17.387	ug/l #	59
15) Acrylonitrile	5.167	53	16746	73.029	ug/l	98
16) Acetone	3.948	43	17418	74.659	ug/l #	89
17) Carbon Disulfide	4.198	76	45636	17.654	ug/l	97
18) Methyl Acetate	4.478	43	7400	15.608	ug/l #	66
19) Methyl tert-butyl Ether	5.216	73	43501	15.561	ug/l	91
20) Methylene Chloride	4.722	84	18451	14.761	ug/l #	69
21) trans-1,2-Dichloroethene	5.222	96	18281	17.615	ug/l #	72
22) Diisopropyl ether	6.118	45	33436	16.548	ug/l #	84
23) Vinyl Acetate	6.063	43	114114	78.284	ug/l #	85
24) 1,1-Dichloroethane	6.015	63	26115	16.924	ug/l	95
25) 2-Butanone	6.990	43	17899	67.670	ug/l #	66
26) 2,2-Dichloropropane	6.984	77	30009	17.321	ug/l	96
27) cis-1,2-Dichloroethene	6.990	96	20030	16.628	ug/l	80
28) Bromochloromethane	7.331	49	8773	16.678	ug/l #	41
29) Tetrahydrofuran	7.350	42	10654	69.209	ug/l #	58
30) Chloroform	7.508	83	32924	16.668	ug/l	90
31) Cyclohexane	7.782	56	21974	18.267	ug/l #	75
32) 1,1,1-Trichloroethane	7.703	97	33747	17.178	ug/l	95
36) 1,1-Dichloropropene	7.917	75	22550	18.123	ug/l	91
37) Ethyl Acetate	7.075	43	8442	15.071	ug/l #	87
38) Carbon Tetrachloride	7.904	117	32209	17.677	ug/l	98
39) Methylcyclohexane	9.185	83	27951	18.474	ug/l #	76
40) Benzene	8.160	78	63991	18.025	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	4289	13.883	ug/l #	1
42) 1,2-Dichloroethane	8.240	62	20876	16.053	ug/l	94
43) Isopropyl Acetate	8.270	43	17784	15.543	ug/l #	90
44) Trichloroethene	8.941	130	22082	18.331	ug/l	88
45) 1,2-Dichloropropane	9.221	63	13284	17.582	ug/l	99
46) Dibromomethane	9.307	93	10887	16.805	ug/l	98
47) Bromodichloromethane	9.496	83	25089	17.195	ug/l #	95
48) Methyl methacrylate	9.294	41	6945	14.393	ug/l #	48
49) 1,4-Dioxane	9.301	88	2376	288.249	ug/l #	75
51) 4-Methyl-2-Pentanone	10.069	43	42152	73.199	ug/l #	87
52) Toluene	10.245	92	41400	17.097	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	23059	15.750	ug/l	97
54) cis-1,3-Dichloropropene	9.928	75	26774	17.321	ug/l #	86
55) 1,1,2-Trichloroethane	10.642	97	14061	16.851	ug/l	90
56) Ethyl methacrylate	10.508	69	15204	15.460	ug/l #	77
57) 1,3-Dichloropropane	10.788	76	21434	16.742	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	34775	72.666	ug/l #	74
59) 2-Hexanone	10.831	43	30641	74.662	ug/l	90
60) Dibromochloromethane	10.983	129	19266	17.071	ug/l	98
61) 1,2-Dibromoethane	11.087	107	13644	16.250	ug/l	100
64) Tetrachloroethene	10.721	164	20421	20.309	ug/l	94
65) Chlorobenzene	11.514	112	49874	18.696	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	18728	17.719	ug/l	97
67) Ethyl Benzene	11.593	91	85020	19.004	ug/l	94
68) m/p-Xylenes	11.703	106	66288	37.833	ug/l	94
69) o-Xylene	12.032	106	32636	18.939	ug/l	93
70) Styrene	12.044	104	53528	18.570	ug/l	98
71) Bromoform	12.209	173	10795	15.419	ug/l #	98
73) Isopropylbenzene	12.330	105	88641	20.520	ug/l	99
74) N-amyl acetate	12.141	43	14058	16.711	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.587	83	13500	17.236	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	10539m	18.790	ug/l	
77) Bromobenzene	12.605	156	21258	18.878	ug/l	78
78) n-propylbenzene	12.672	91	100048	20.054	ug/l	97
79) 2-Chlorotoluene	12.757	91	53278	19.183	ug/l	93
80) 1,3,5-Trimethylbenzene	12.812	105	71258	19.391	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	4364	16.730	ug/l	95
82) 4-Chlorotoluene	12.855	91	56675	20.010	ug/l	94
83) tert-Butylbenzene	13.074	119	64609	19.675	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	70982	19.708	ug/l	100
85) sec-Butylbenzene	13.251	105	92152	19.859	ug/l	96
86) p-Isopropyltoluene	13.367	119	78083	19.581	ug/l	95
87) 1,3-Dichlorobenzene	13.367	146	40464	19.344	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	39783	19.426	ug/l	98
89) n-Butylbenzene	13.696	91	70667	19.682	ug/l	96
90) Hexachloroethane	13.958	117	15431	19.198	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	35435	18.648	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.348	75	2636	16.733	ug/l	84
93) 1,2,4-Trichlorobenzene	15.007	180	24569	18.543	ug/l	97
94) Hexachlorobutadiene	15.117	225	14778	20.102	ug/l	96
95) Naphthalene	15.238	128	47330	16.643	ug/l	99
96) 1,2,3-Trichlorobenzene	15.427	180	21438	18.728	ug/l	96

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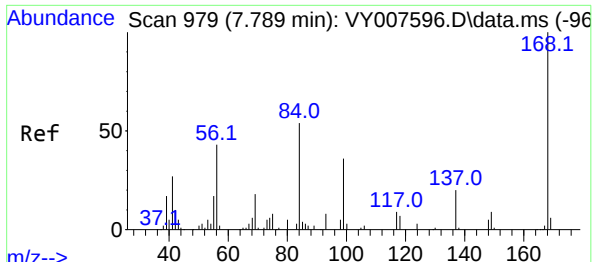
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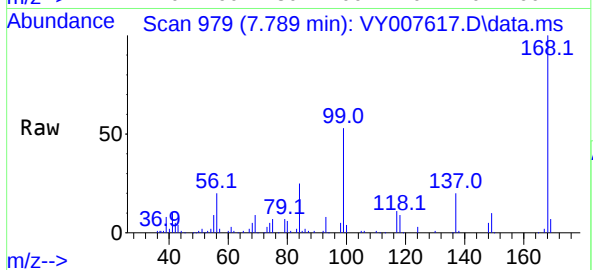
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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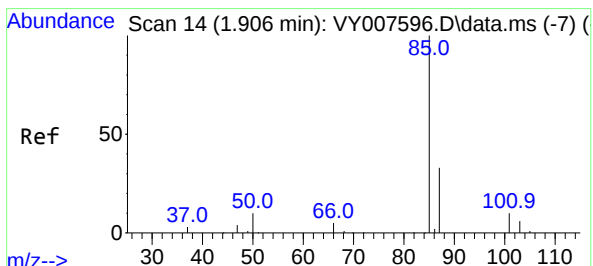
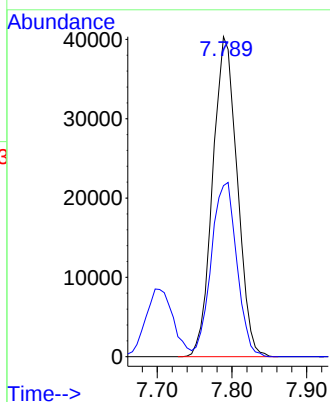
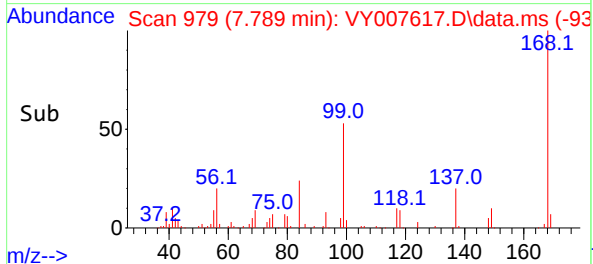
Instrument :
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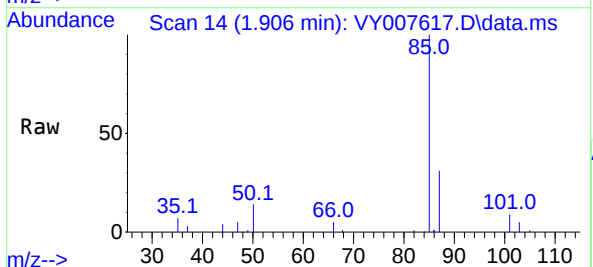
Tgt Ion:168 Resp: 92085
Ion Ratio Lower Upper
168 100
99 53.4 46.9 70.3

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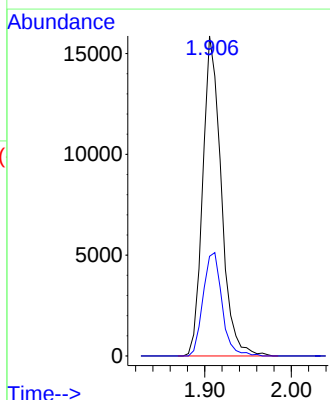
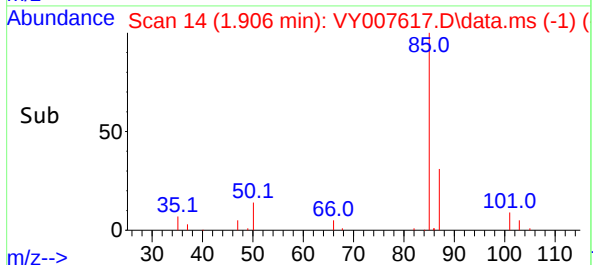
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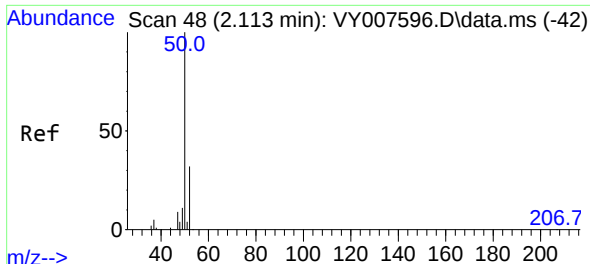


#2
Dichlorodifluoromethane
Concen: 20.635 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY007617.D
Acq: 24 Feb 2022 14:20



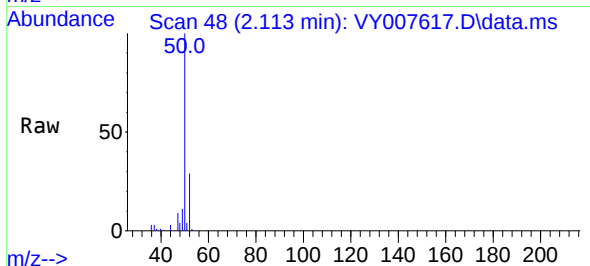
Tgt Ion: 85 Resp: 23501
Ion Ratio Lower Upper
85 100
87 31.1 16.1 48.2





#3
Chloromethane
Concen: 20.235 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.000 min
Lab File: VY007617.D
Acq: 24 Feb 2022 14:20

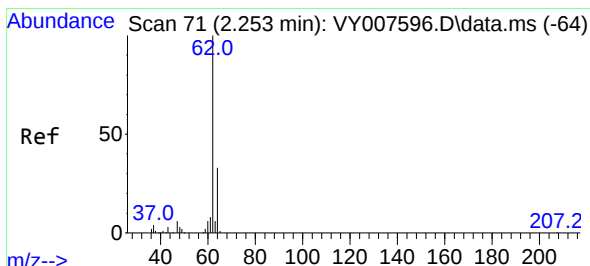
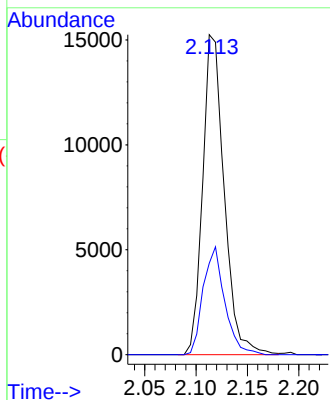
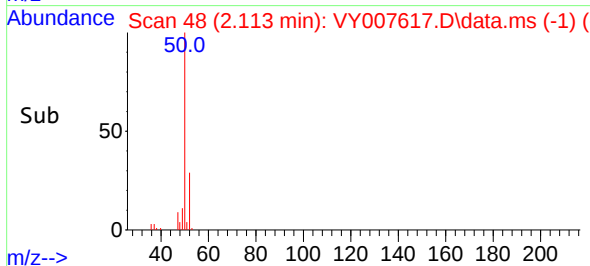
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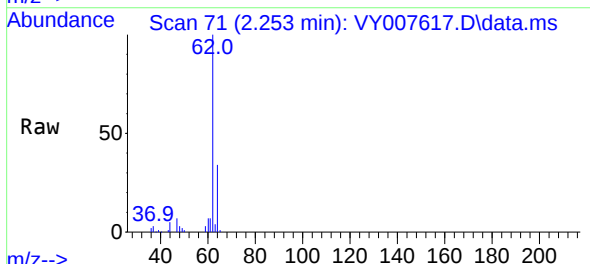
Tgt Ion: 50 Resp: 2226
Ion Ratio Lower Upper
50 100
52 28.5 24.6 37.0

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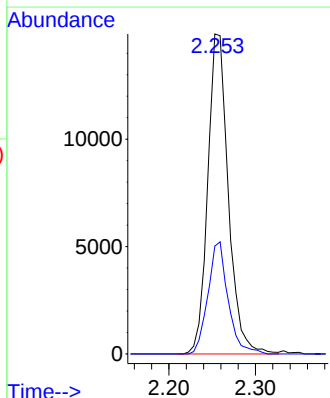
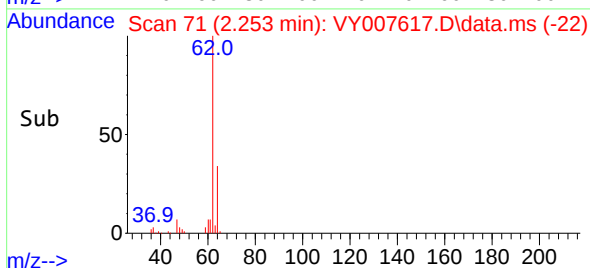
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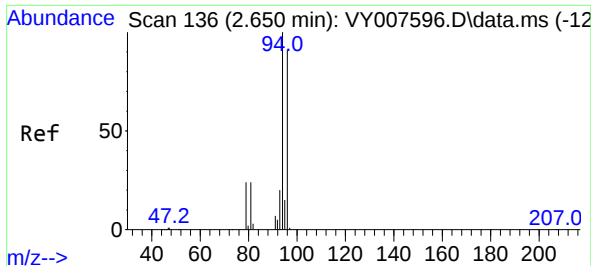


#4
Vinyl Chloride
Concen: 18.210 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY007617.D
Acq: 24 Feb 2022 14:20



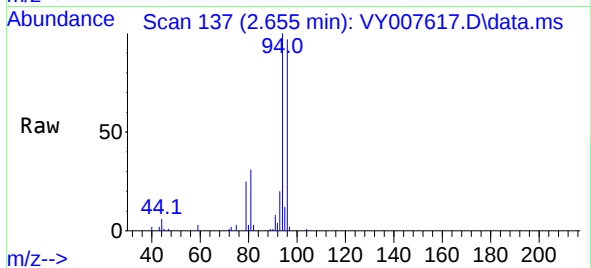
Tgt Ion: 62 Resp: 24600
Ion Ratio Lower Upper
62 100
64 33.7 25.0 37.6





#5
Bromomethane
Concen: 18.413 ug/l
RT: 2.655 min Scan# 11
Delta R.T. 0.005 min
Lab File: VY007617.D
Acq: 24 Feb 2022 14:20

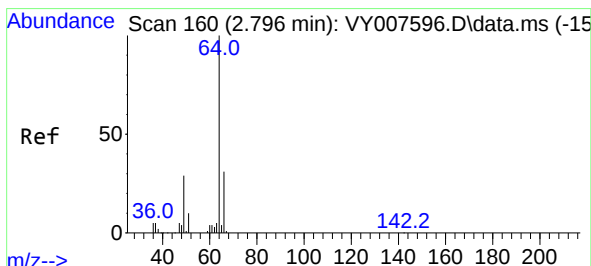
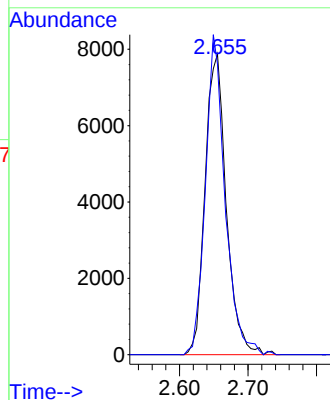
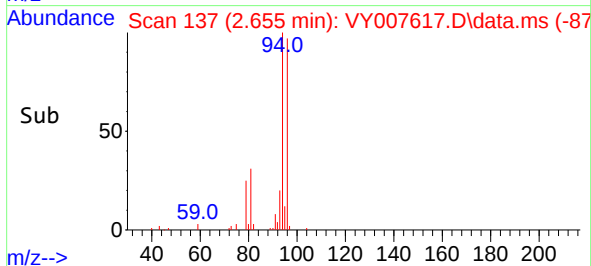
Instrument :
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Tgt Ion: 94 Resp: 16980
Ion Ratio Lower Upper
94 100
96 96.6 73.5 110.3

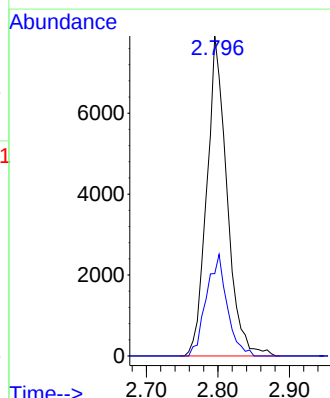
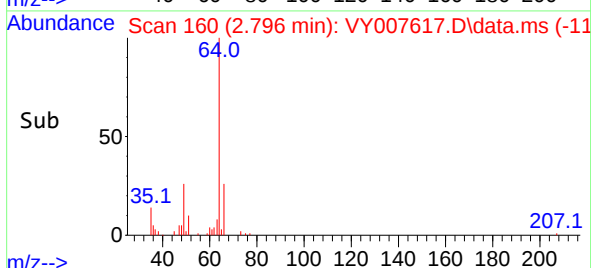
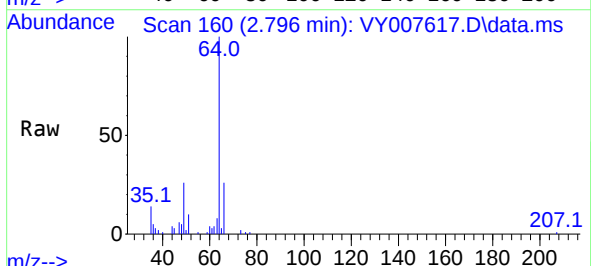
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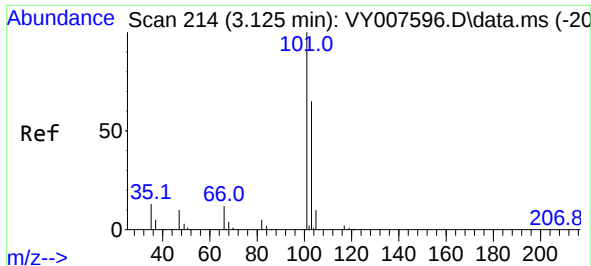
Reviewed By :John Carlone 02/25/2022
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#6
Chloroethane
Concen: 18.021 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY007617.D
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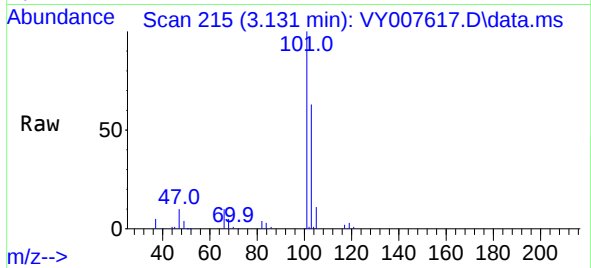
Tgt Ion: 64 Resp: 15489
Ion Ratio Lower Upper
64 100
66 25.7 25.4 38.0





#7
Trichlorofluoromethane
Concen: 17.588 ug/l
RT: 3.131 min Scan# 214
Delta R.T. 0.006 min
Lab File: VY007617.D
Acq: 24 Feb 2022 14:20

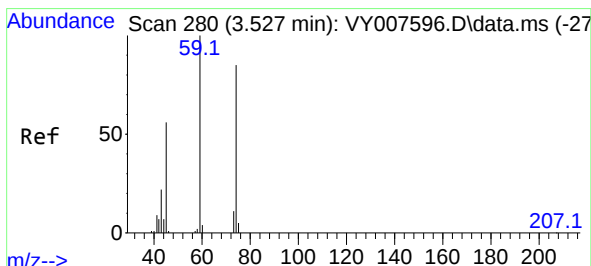
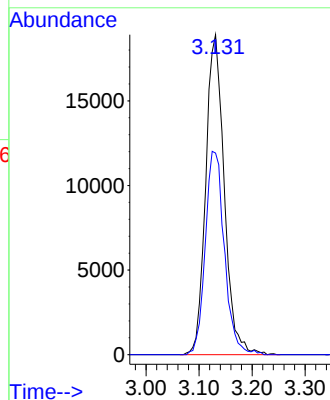
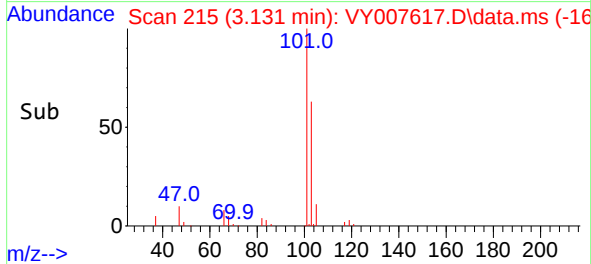
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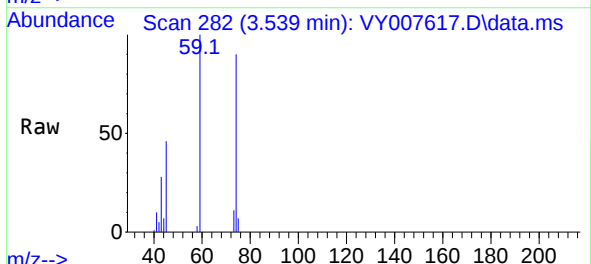
Tgt Ion:101 Resp: 4583
Ion Ratio Lower Upper
101 100
103 63.0 48.0 72.0

Manual Integrations
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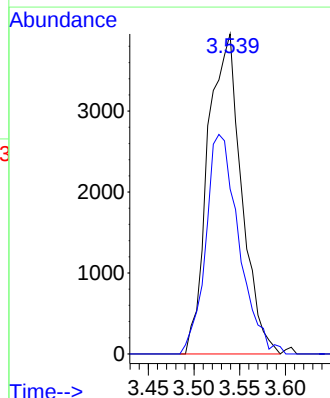
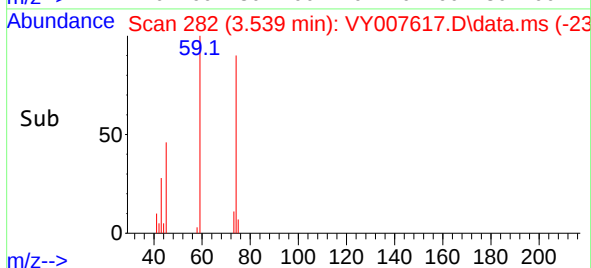
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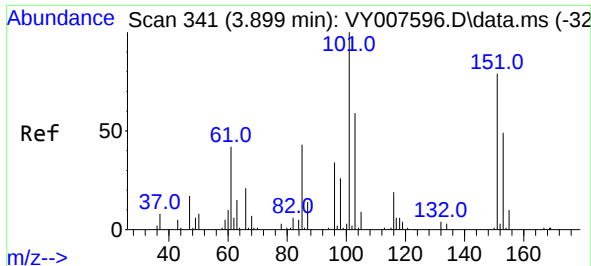


#8
Diethyl Ether
Concen: 15.165 ug/l
RT: 3.539 min Scan# 282
Delta R.T. 0.012 min
Lab File: VY007617.D
Acq: 24 Feb 2022 14:20



Tgt Ion: 74 Resp: 10083
Ion Ratio Lower Upper
74 100
45 67.7 55.1 165.5





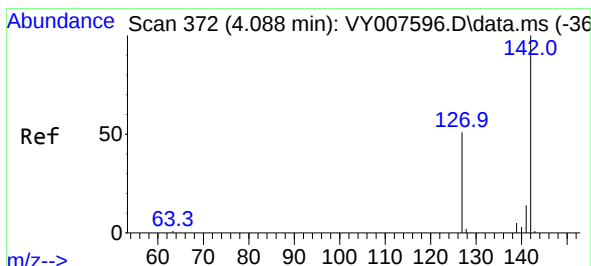
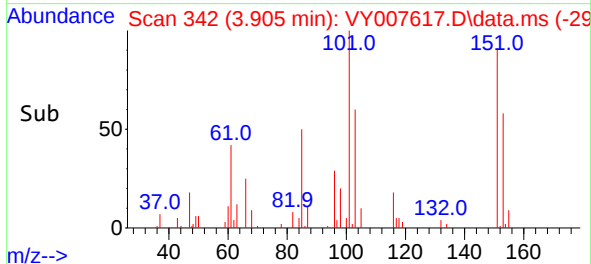
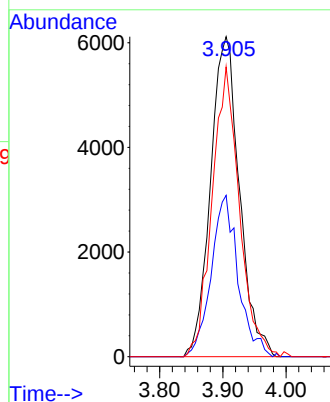
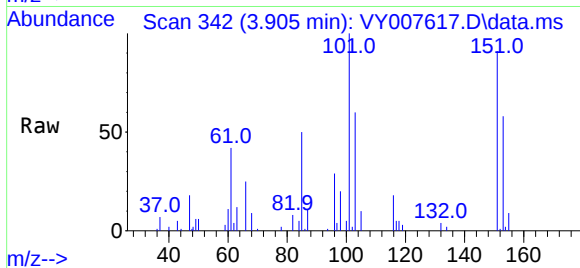
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.348 ug/l
RT: 3.905 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY007617.D
Acq: 24 Feb 2022 14:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBS02

Tgt Ion:101 Resp: 1942
Ion Ratio Lower Upper
101 100
85 47.2 40.6 60.8
151 84.9 64.9 97.3

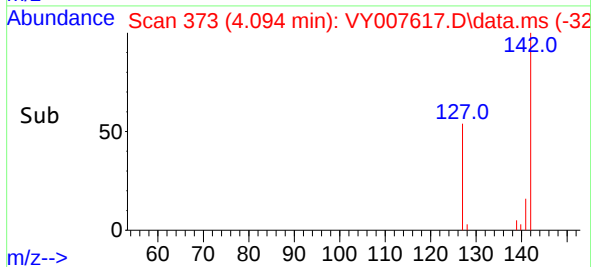
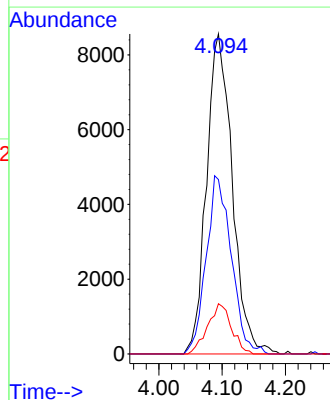
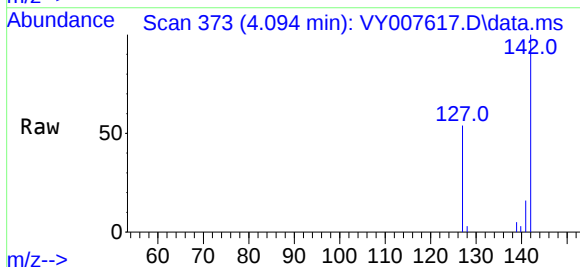
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022



#10
Methyl Iodide
Concen: 17.700 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY007617.D
Acq: 24 Feb 2022 14:20

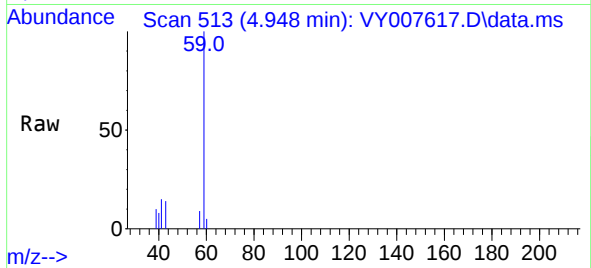
Tgt Ion:142 Resp: 24184
Ion Ratio Lower Upper
142 100
127 54.5 41.5 62.3
141 14.5 11.9 17.9





#11
Tert butyl alcohol
Concen: 62.525 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY007617.D
Acq: 24 Feb 2022 14:20

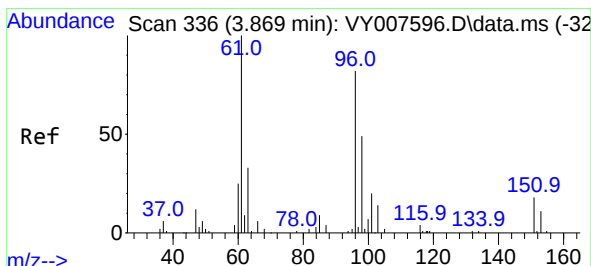
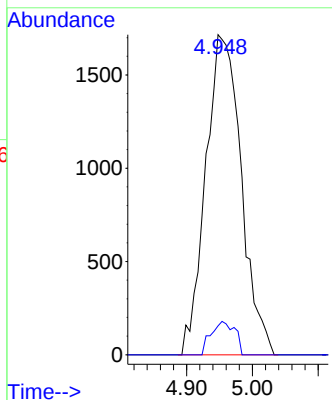
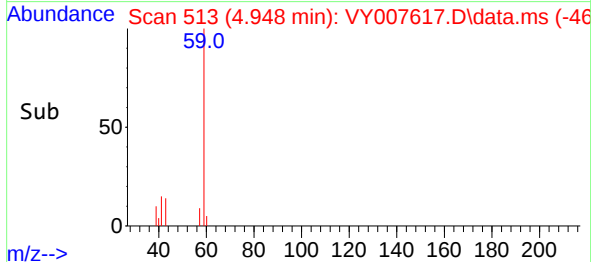
Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBS02



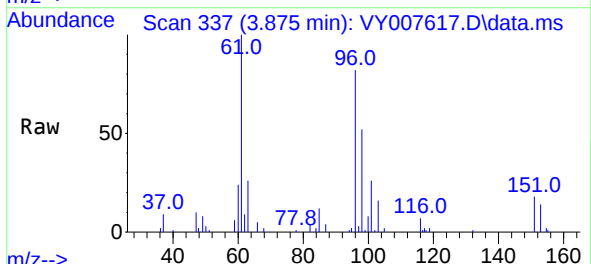
Tgt Ion: 59 Resp: 645
Ion Ratio Lower Upper
59 100
57 7.0 6.4 9.6

Manual Integrations
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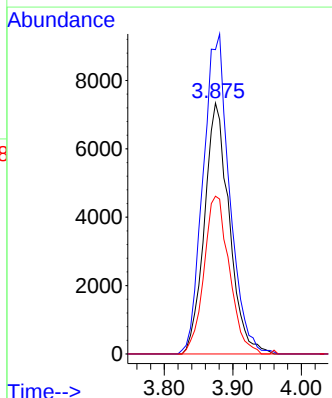
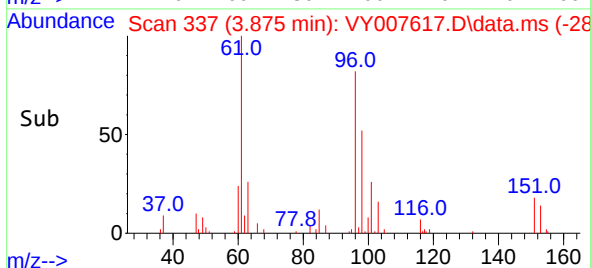
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022

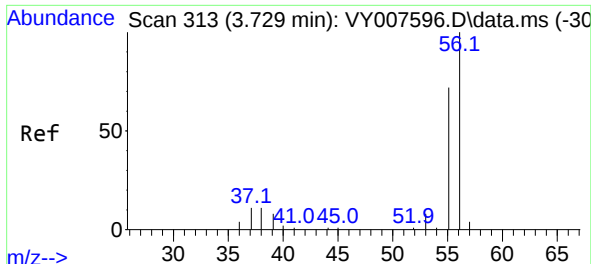


#12
1,1-Dichloroethene
Concen: 17.780 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.006 min
Lab File: VY007617.D
Acq: 24 Feb 2022 14:20



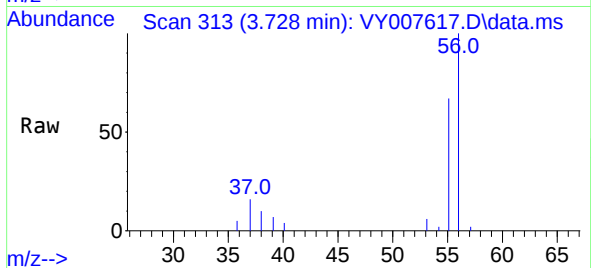
Tgt Ion: 96 Resp: 18494
Ion Ratio Lower Upper
96 100
61 121.3 145.8 218.6#
98 62.8 52.5 78.7





#13
Acrolein
Concen: 72.988 ug/l
RT: 3.728 min Scan# 313
Delta R.T. -0.001 min
Lab File: VY007617.D
Acq: 24 Feb 2022 14:20

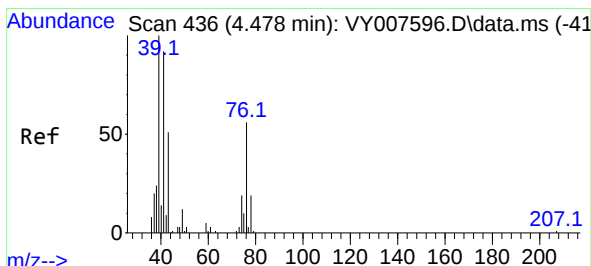
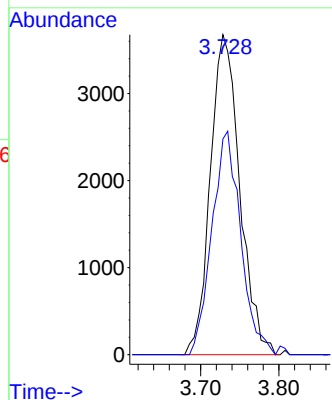
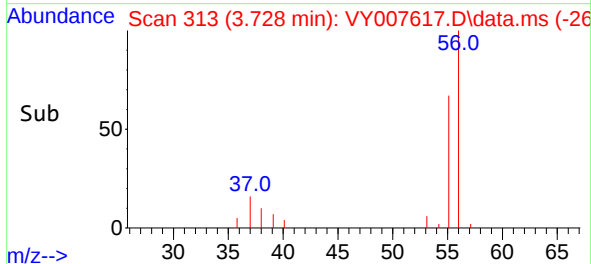
Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBS02



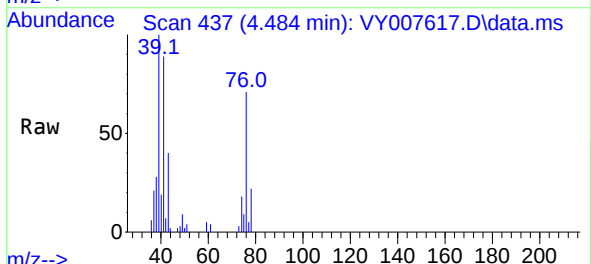
Tgt Ion: 56 Resp: 962
Ion Ratio Lower Upper
56 100
55 68.1 57.6 86.4

Manual Integrations
APPROVED

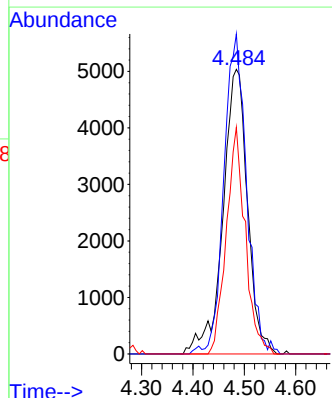
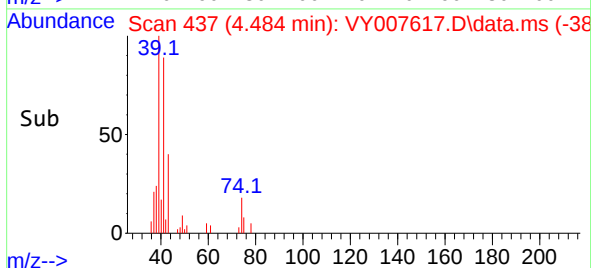
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022

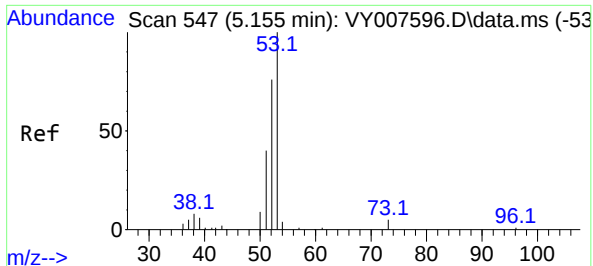


#14
Allyl chloride
Concen: 17.387 ug/l
RT: 4.484 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY007617.D
Acq: 24 Feb 2022 14:20



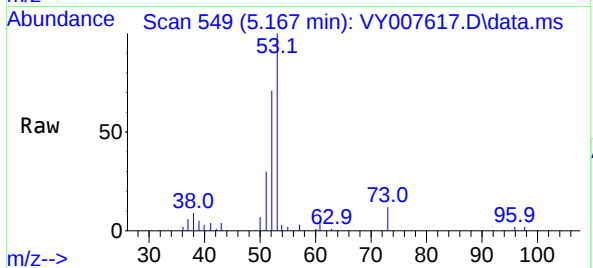
Tgt Ion: 41 Resp: 16719
Ion Ratio Lower Upper
41 100
39 102.8 58.8 88.2#
76 61.4 25.1 37.7#





#15
Acrylonitrile
Concen: 73.029 ug/l
RT: 5.167 min Scan# 547
Delta R.T. 0.012 min
Lab File: VY007617.D
Acq: 24 Feb 2022 14:20

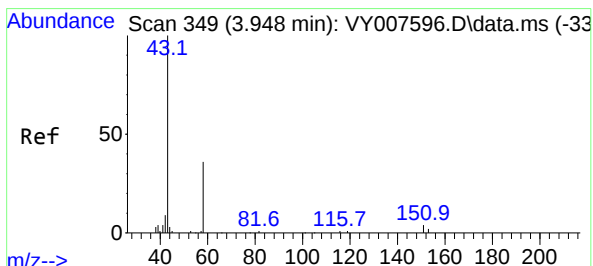
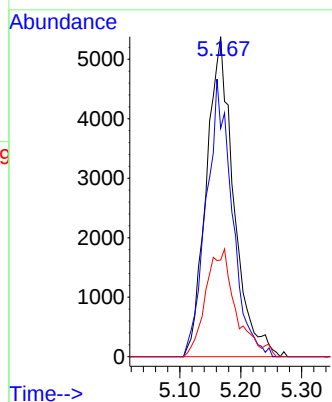
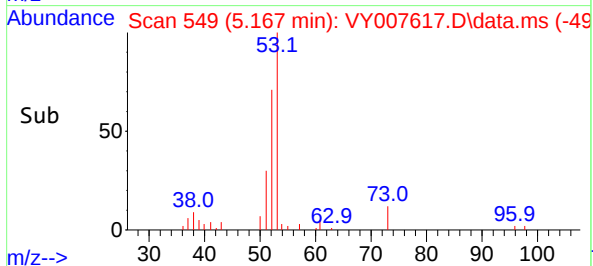
Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBS02



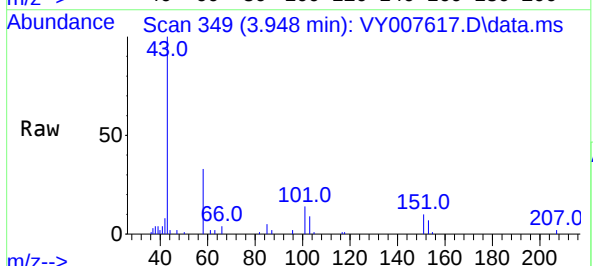
Tgt Ion: 53 Resp: 16740
Ion Ratio Lower Upper
53 100
52 82.3 67.0 100.4
51 36.1 29.8 44.6

Manual Integrations
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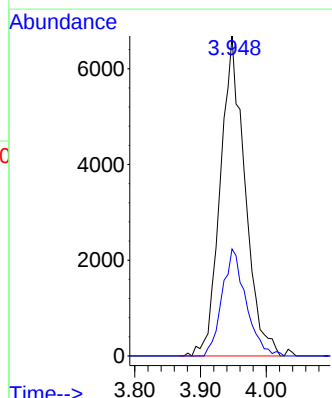
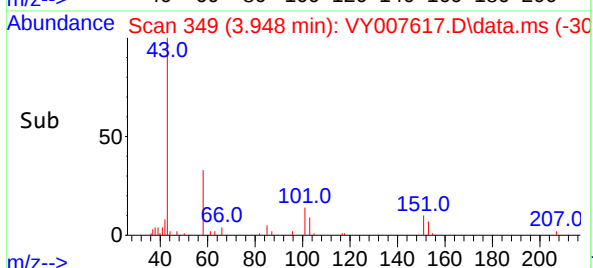
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022

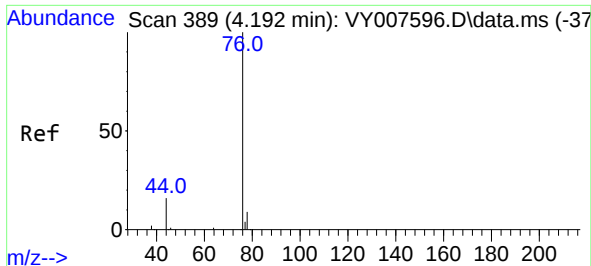


#16
Acetone
Concen: 74.659 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY007617.D
Acq: 24 Feb 2022 14:20



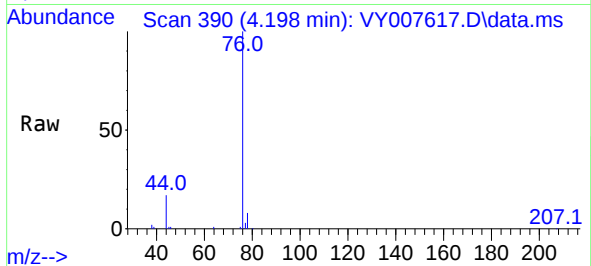
Tgt Ion: 43 Resp: 17418
Ion Ratio Lower Upper
43 100
58 33.4 22.0 33.0#





#17
Carbon Disulfide
Concen: 17.654 ug/l
RT: 4.198 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY007617.D
Acq: 24 Feb 2022 14:20

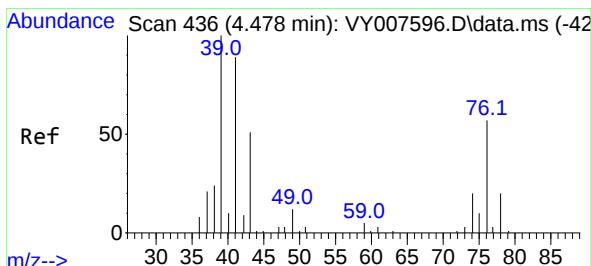
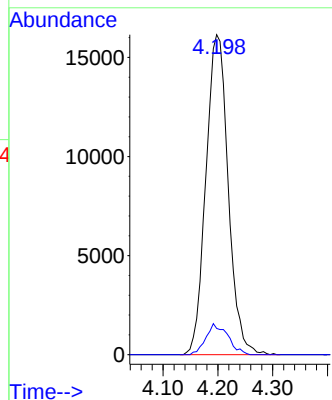
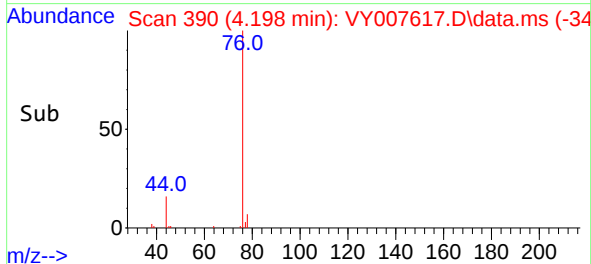
Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBS02



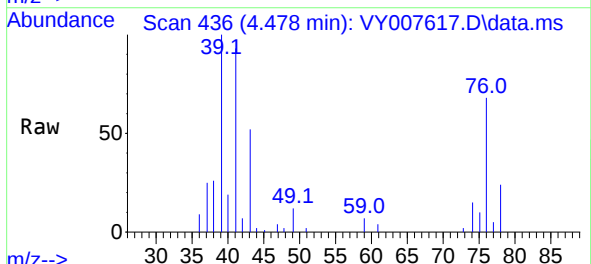
Tgt Ion: 76 Resp: 45630
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.0

Manual Integrations
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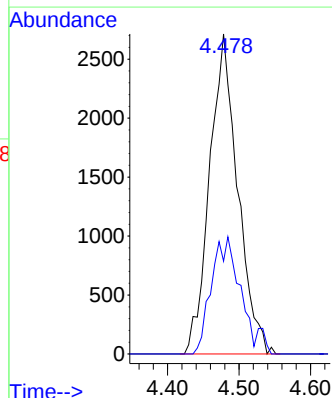
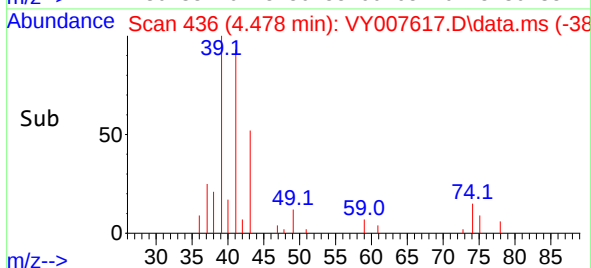
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022

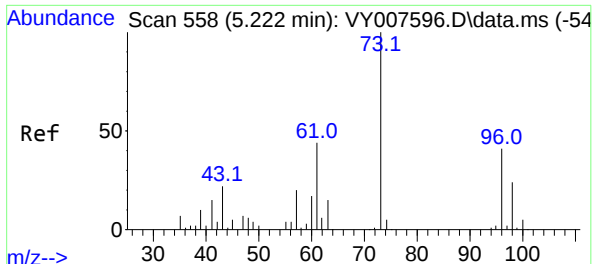


#18
Methyl Acetate
Concen: 15.608 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY007617.D
Acq: 24 Feb 2022 14:20



Tgt Ion: 43 Resp: 7400
Ion Ratio Lower Upper
43 100
74 36.4 16.6 24.8





#19

Methyl tert-butyl Ether

Concen: 15.561 ug/l

RT: 5.216 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY007617.D

Acq: 24 Feb 2022 14:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0224SBS02

Tgt Ion: 73 Resp: 4350

Ion Ratio Lower Upper

73 100

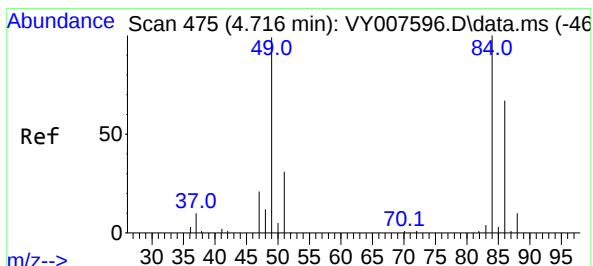
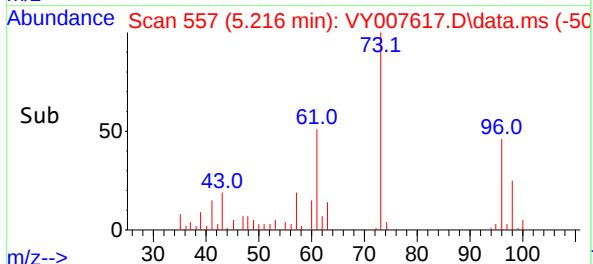
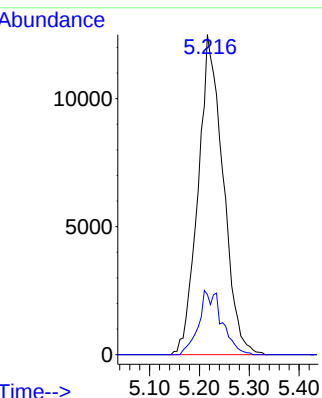
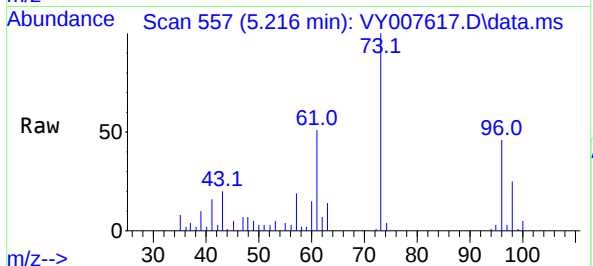
57 18.8 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/25/2022

Supervised By :Mahesh Dadoda 02/25/2022



#20

Methylene Chloride

Concen: 14.761 ug/l

RT: 4.722 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY007617.D

Acq: 24 Feb 2022 14:20

Tgt Ion: 84 Resp: 18451

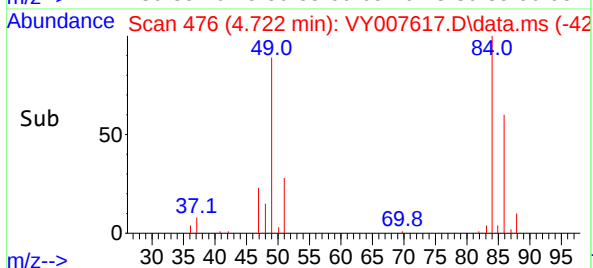
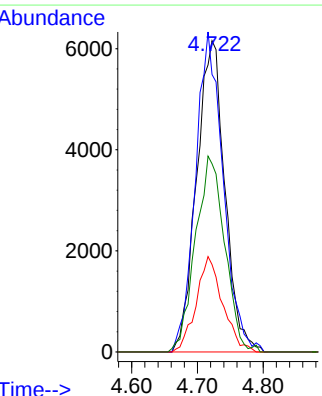
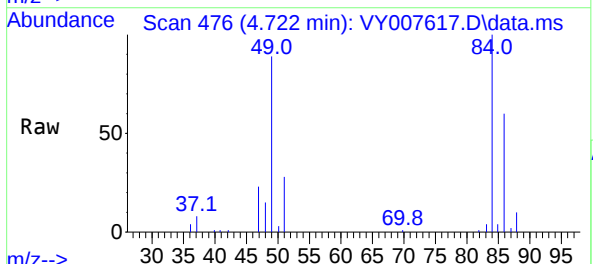
Ion Ratio Lower Upper

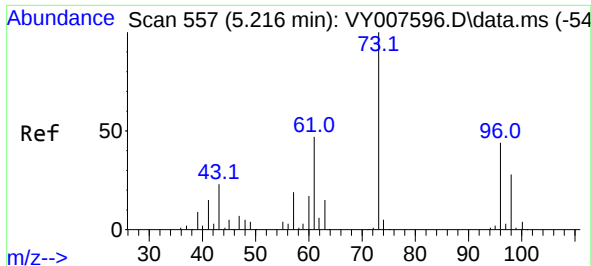
84 100

49 89.1 114.4 171.6#

51 28.1 35.3 52.9#

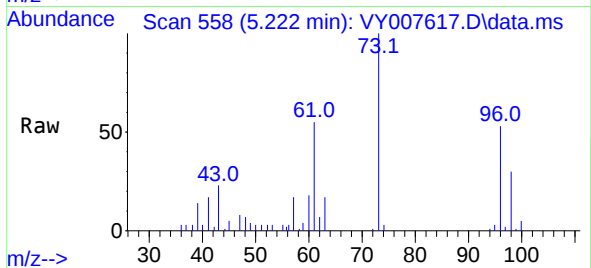
86 60.5 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 17.615 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY007617.D
Acq: 24 Feb 2022 14:20

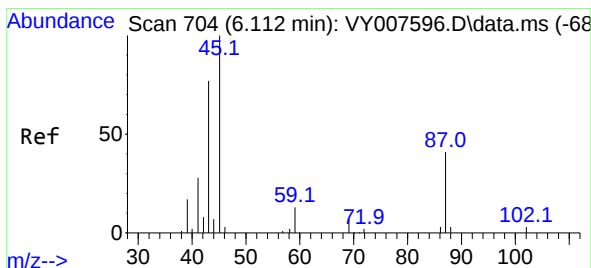
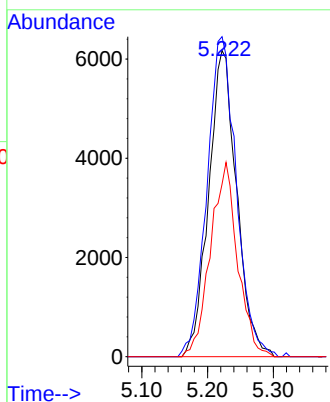
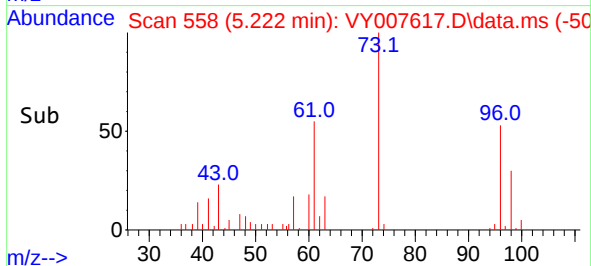
Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBS02



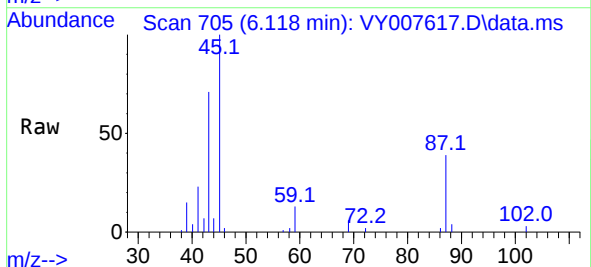
Tgt Ion: 96 Resp: 1828
Ion Ratio Lower Upper
96 100
61 104.5 120.5 180.7
98 56.4 49.8 74.8

Manual Integrations
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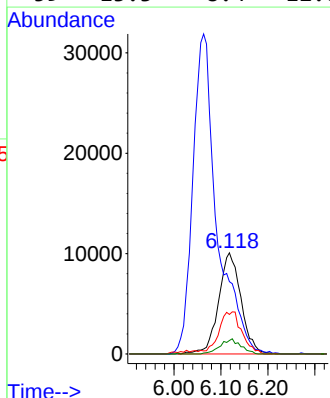
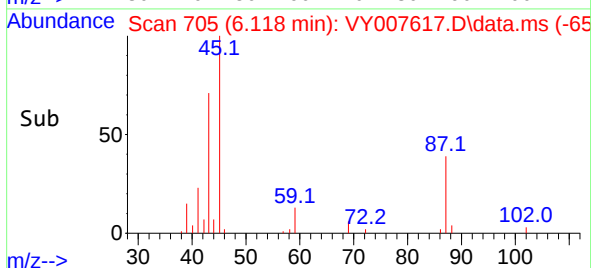
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022

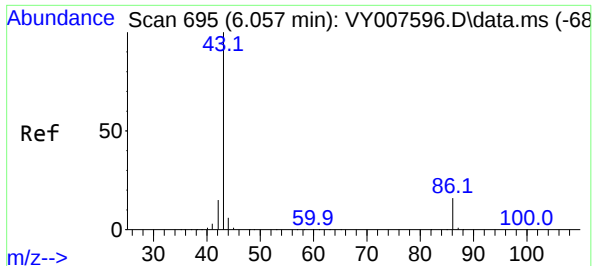


#22
Diisopropyl ether
Concen: 16.548 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY007617.D
Acq: 24 Feb 2022 14:20



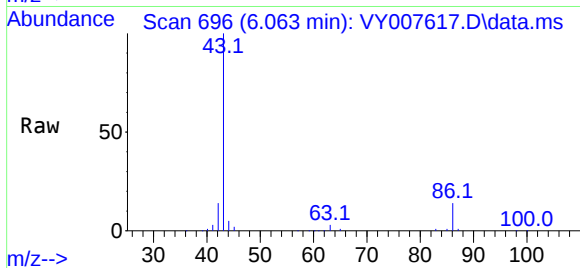
Tgt Ion: 45 Resp: 33436
Ion Ratio Lower Upper
45 100
43 70.7 49.3 73.9
87 39.1 19.2 28.8#
59 13.3 8.4 12.6#





#23
 Vinyl Acetate
 Concen: 78.284 ug/l
 RT: 6.063 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY007617.D
 Acq: 24 Feb 2022 14:20

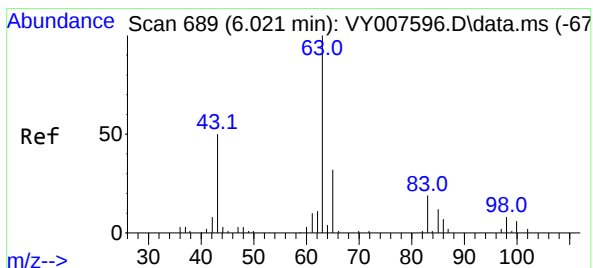
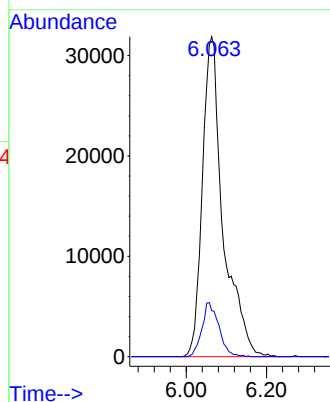
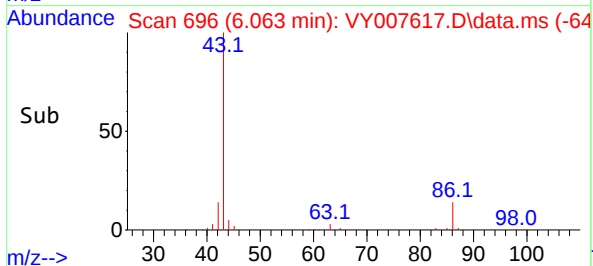
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0224SBS02



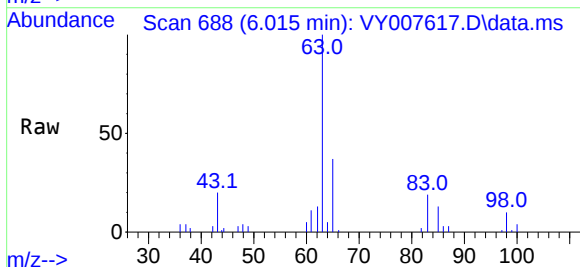
Tgt Ion: 43 Resp: 114114
 Ion Ratio Lower Upper
 43 100
 86 14.4 7.1 10.7

Manual Integrations
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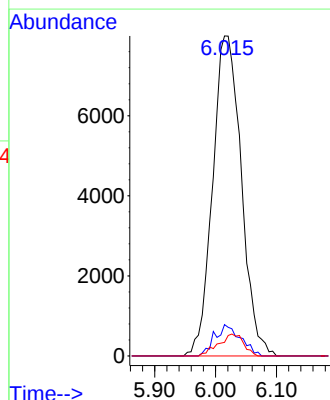
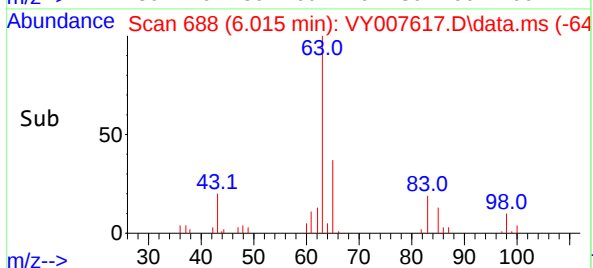
Reviewed By :John Carlone 02/25/2022
 Supervised By :Mahesh Dadoda 02/25/2022

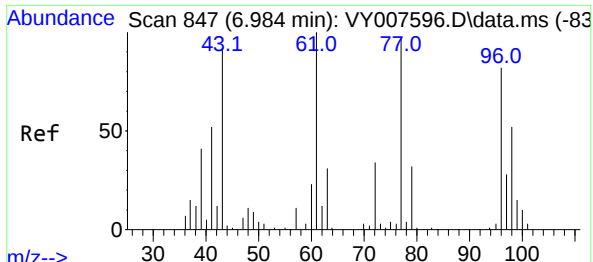


#24
 1,1-Dichloroethane
 Concen: 16.924 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY007617.D
 Acq: 24 Feb 2022 14:20



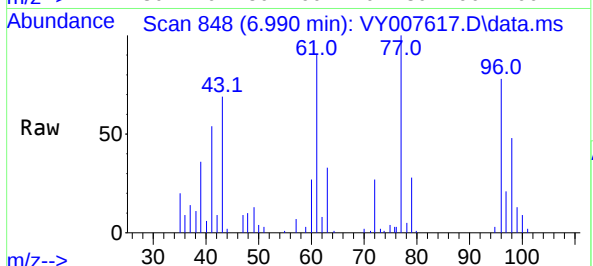
Tgt Ion: 63 Resp: 26115
 Ion Ratio Lower Upper
 63 100
 98 9.8 3.6 10.8
 100 4.3 2.0 5.8





#25
2-Butanone
Concen: 67.670 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY007617.D
Acq: 24 Feb 2022 14:20

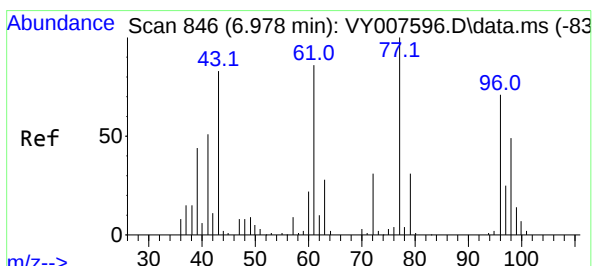
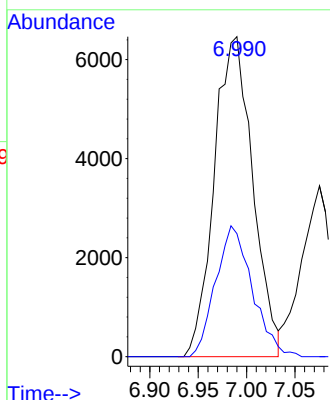
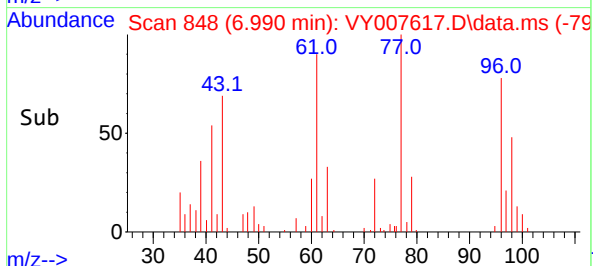
Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBS02



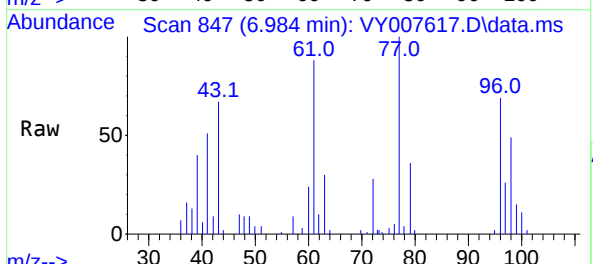
Tgt Ion: 43 Resp: 17899
Ion Ratio Lower Upper
43 100
72 38.4 17.7 26.5

Manual Integrations
APPROVED

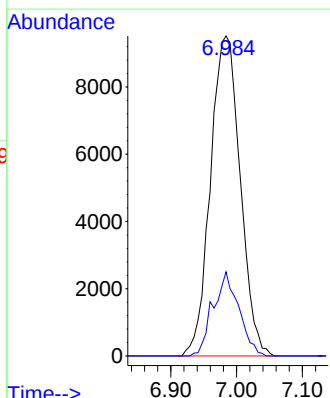
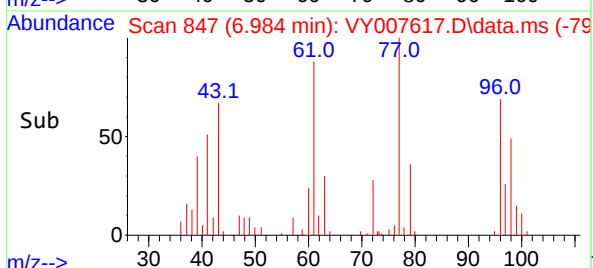
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022

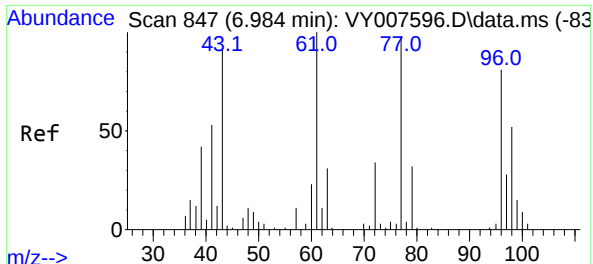


#26
2,2-Dichloropropane
Concen: 17.321 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY007617.D
Acq: 24 Feb 2022 14:20



Tgt Ion: 77 Resp: 30009
Ion Ratio Lower Upper
77 100
97 22.7 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 16.628 ug/l

RT: 6.990 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY007617.D

Acq: 24 Feb 2022 14:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0224SBS02

Tgt Ion: 96 Resp: 20030

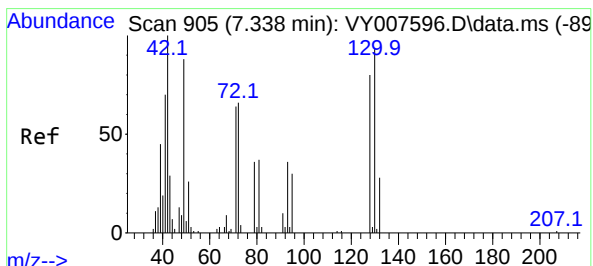
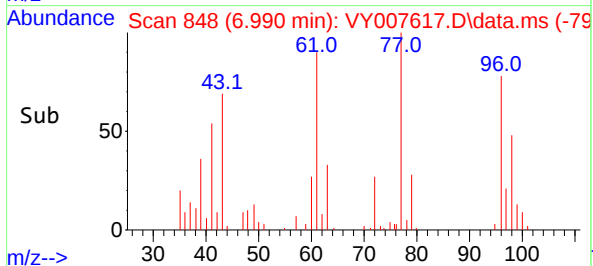
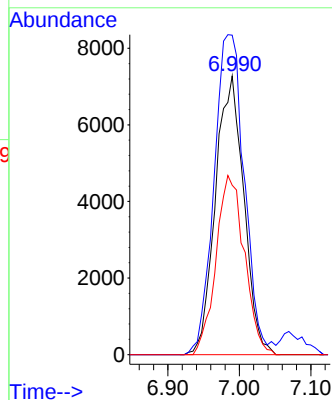
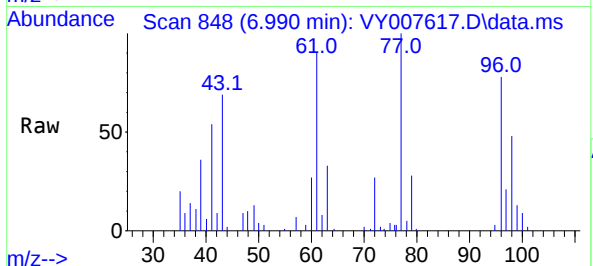
Ion	Ratio	Lower	Upper
96	100		
61	123.1	0.0	319.8
98	64.4	0.0	127.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/25/2022

Supervised By :Mahesh Dadoda 02/25/2022



#28

Bromochloromethane

Concen: 16.678 ug/l

RT: 7.331 min Scan# 904

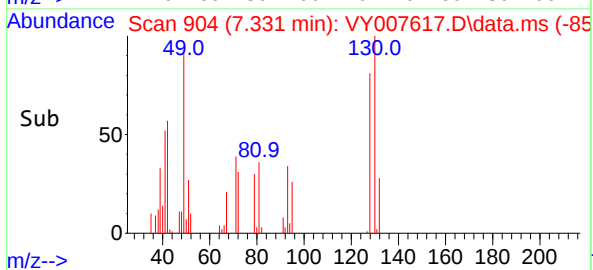
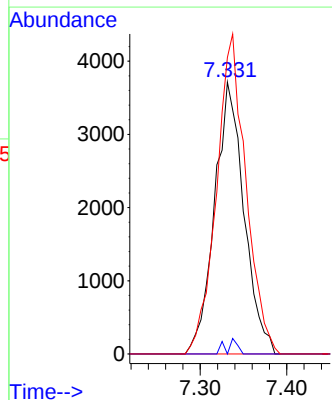
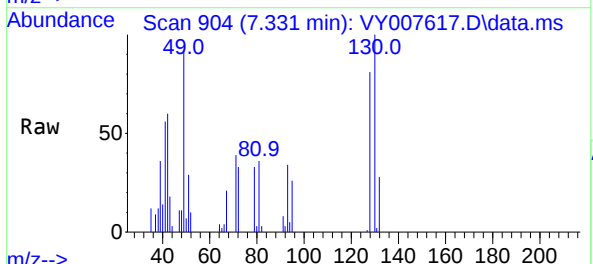
Delta R.T. -0.007 min

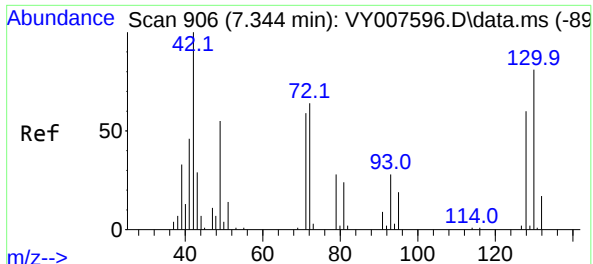
Lab File: VY007617.D

Acq: 24 Feb 2022 14:20

Tgt Ion: 49 Resp: 8773

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	2.2
130	117.7	55.4	83.0#





#29

Tetrahydrofuran

Concen: 69.209 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY007617.D

Acq: 24 Feb 2022 14:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0224SBS02

Tgt Ion: 42 Resp: 10654

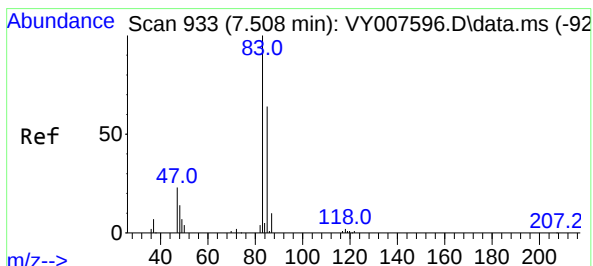
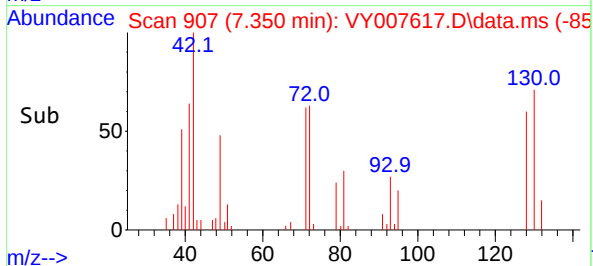
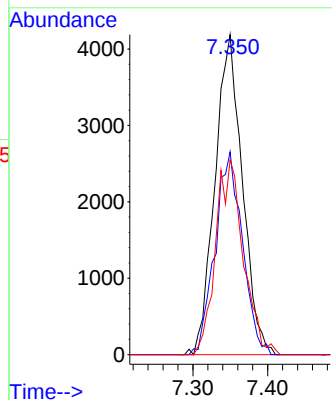
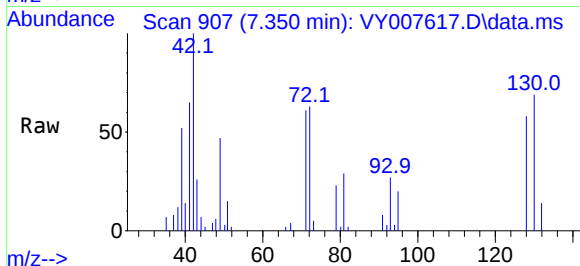
Ion	Ratio	Lower	Upper
42	100		
72	63.2	30.3	45.5
71	61.6	29.0	43.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/25/2022

Supervised By :Mahesh Dadoda 02/25/2022



#30

Chloroform

Concen: 16.668 ug/l

RT: 7.508 min Scan# 933

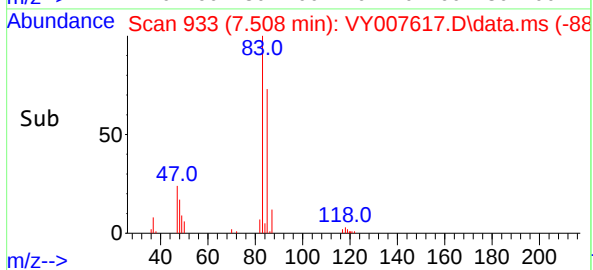
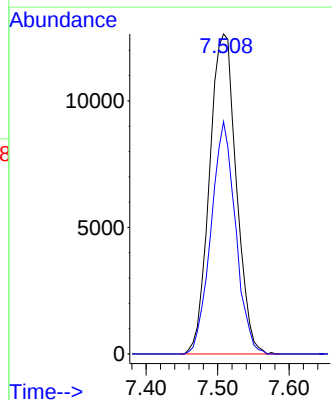
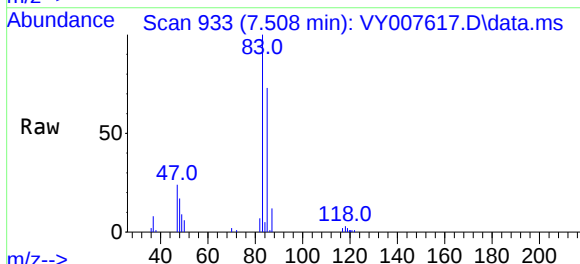
Delta R.T. 0.000 min

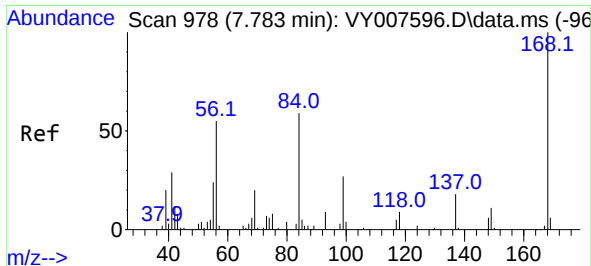
Lab File: VY007617.D

Acq: 24 Feb 2022 14:20

Tgt Ion: 83 Resp: 32924

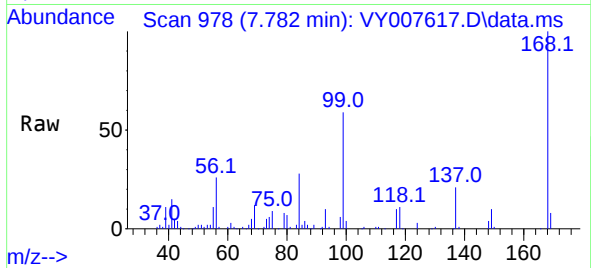
Ion	Ratio	Lower	Upper
83	100		
85	72.6	51.8	77.6





#31
Cyclohexane
Concen: 18.267 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY007617.D
Acq: 24 Feb 2022 14:20

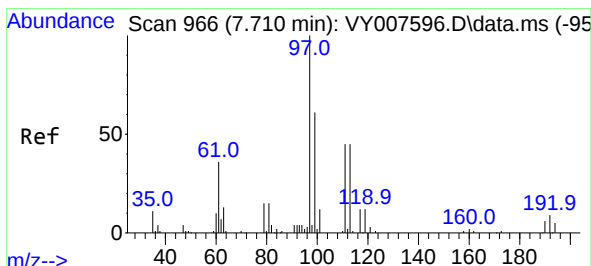
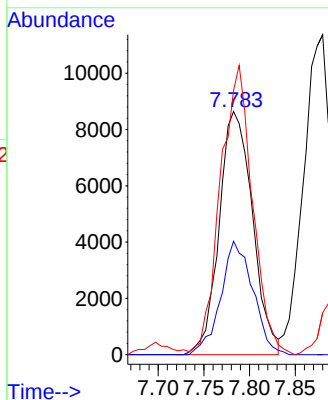
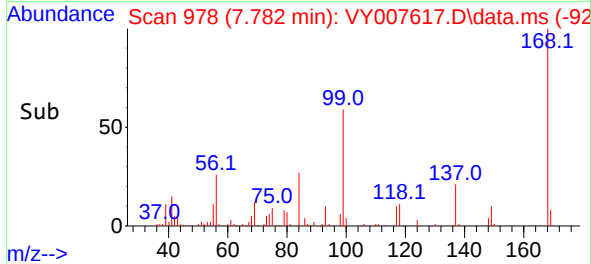
Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBS02



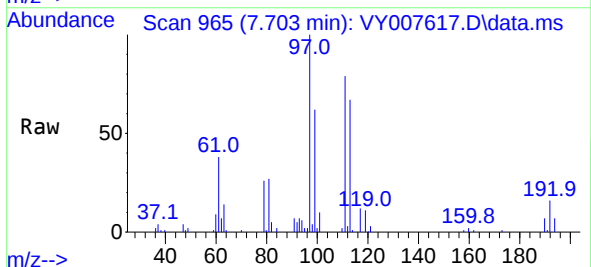
Tgt Ion: 56 Resp: 21974
Ion Ratio Lower Upper
56 100
69 46.6 26.7 40.1
84 107.0 67.2 100.8

Manual Integrations
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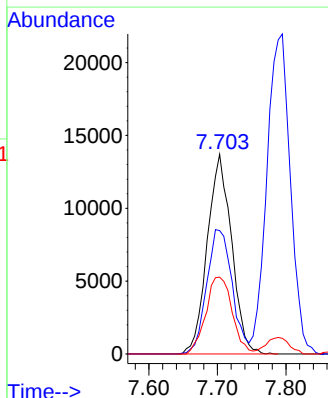
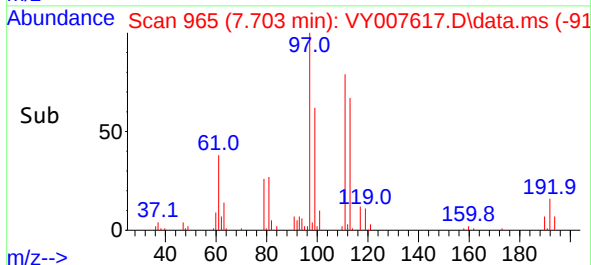
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022

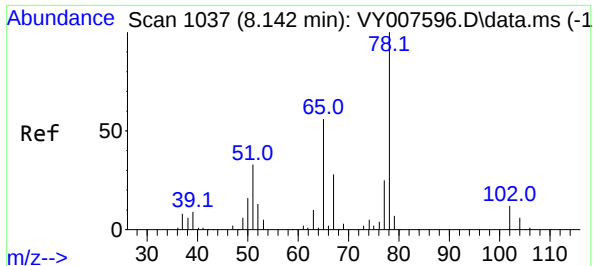


#32
1,1,1-Trichloroethane
Concen: 17.178 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.007 min
Lab File: VY007617.D
Acq: 24 Feb 2022 14:20



Tgt Ion: 97 Resp: 33747
Ion Ratio Lower Upper
97 100
99 65.5 50.7 76.1
61 41.8 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 36.881 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY007617.D

Acq: 24 Feb 2022 14:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0224SBS02

Tgt Ion: 65 Resp: 3778

Ion Ratio Lower Upper

65 100

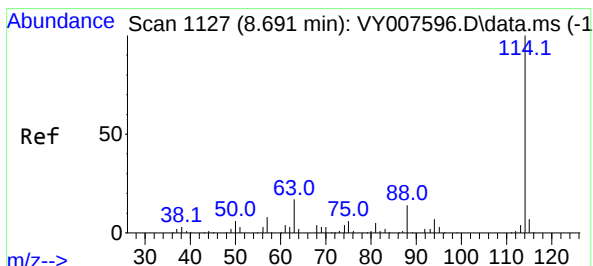
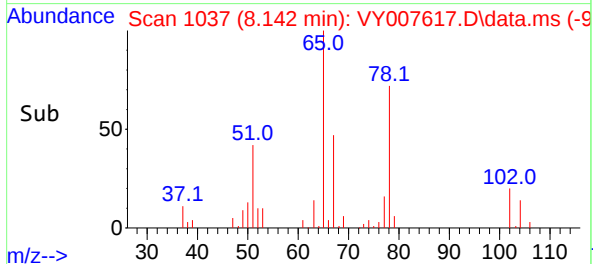
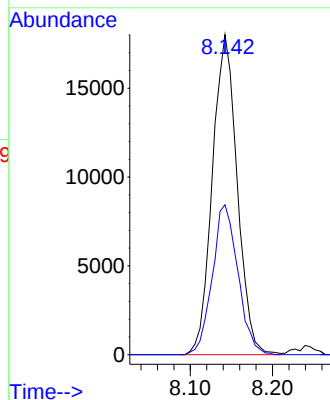
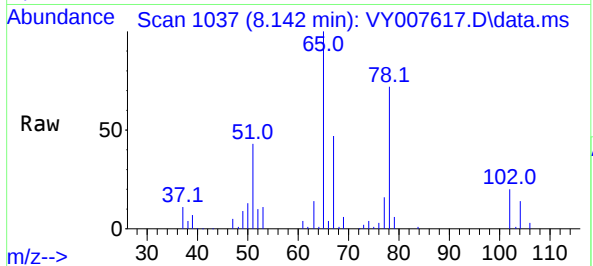
67 48.3 0.0 99.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/25/2022

Supervised By :Mahesh Dadoda 02/25/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY007617.D

Acq: 24 Feb 2022 14:20

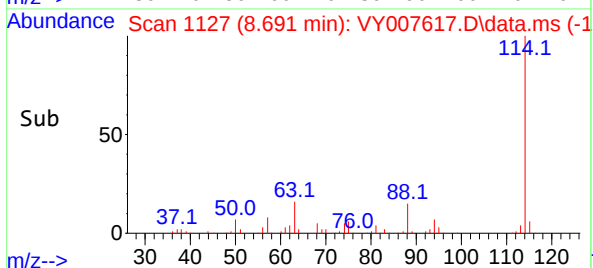
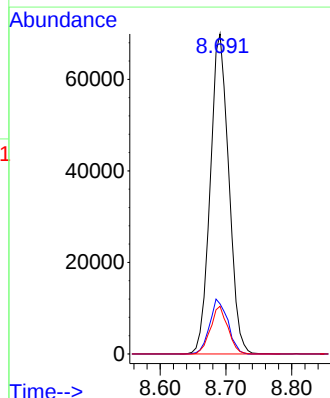
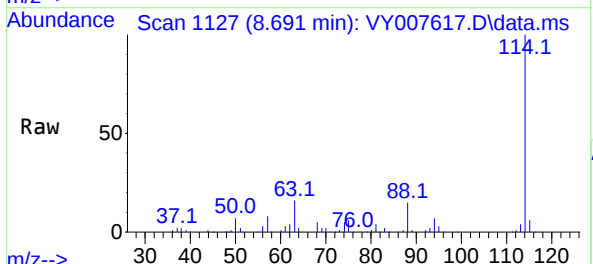
Tgt Ion:114 Resp: 136842

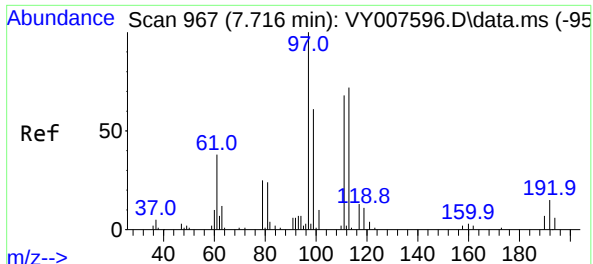
Ion Ratio Lower Upper

114 100

63 15.7 0.0 43.2

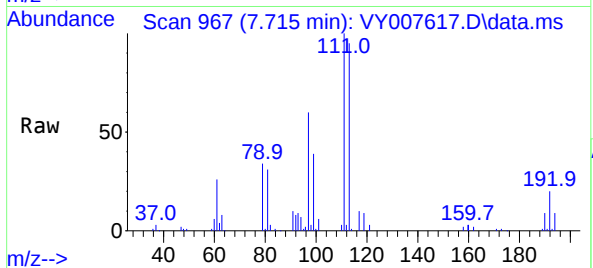
88 14.9 0.0 31.8





#35
Dibromofluoromethane
Concen: 44.142 ug/l
RT: 7.715 min Scan# 90
Delta R.T. -0.001 min
Lab File: VY007617.D
Acq: 24 Feb 2022 14:20

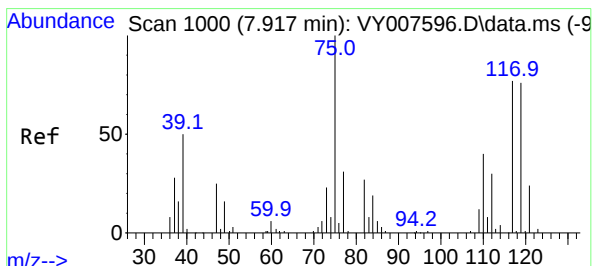
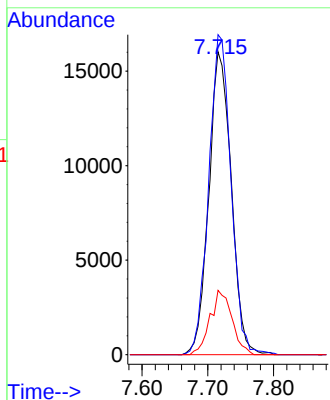
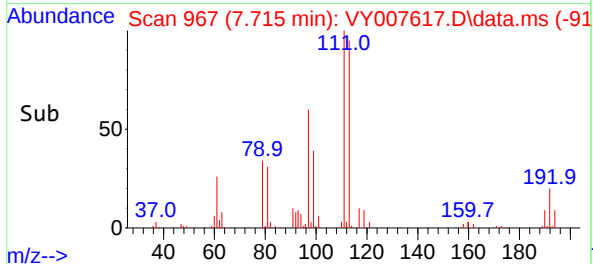
Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBS02



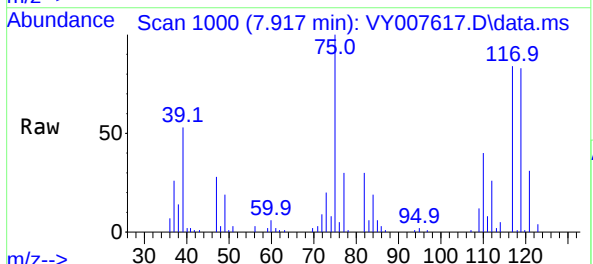
Tgt Ion:113 Resp: 3811
Ion Ratio Lower Upper
113 100
111 104.5 82.6 124.0
192 20.8 17.6 26.4

Manual Integrations
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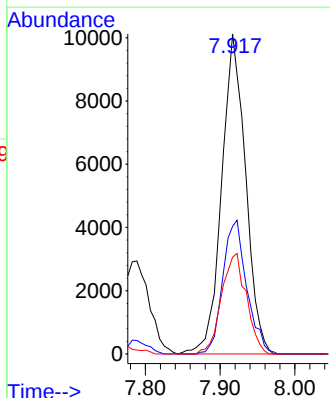
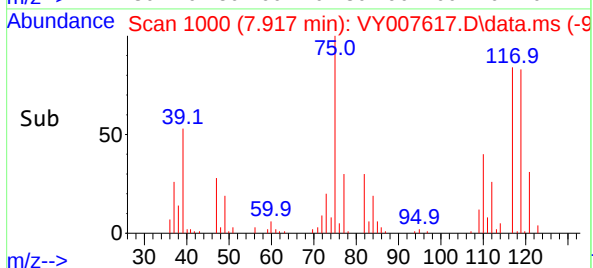
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022

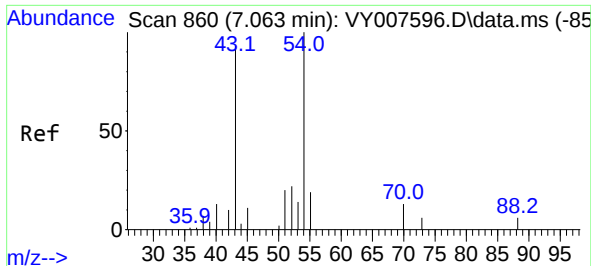


#36
1,1-Dichloropropene
Concen: 18.123 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY007617.D
Acq: 24 Feb 2022 14:20



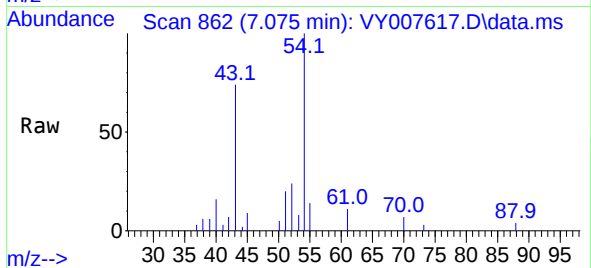
Tgt Ion: 75 Resp: 22550
Ion Ratio Lower Upper
75 100
110 41.8 17.1 51.2
77 32.6 24.4 36.6





#37
Ethyl Acetate
Concen: 15.071 ug/l
RT: 7.075 min Scan# 862
Delta R.T. 0.012 min
Lab File: VY007617.D
Acq: 24 Feb 2022 14:20

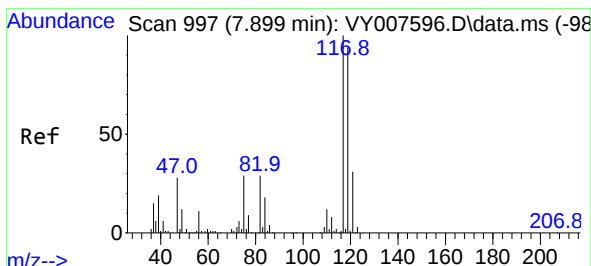
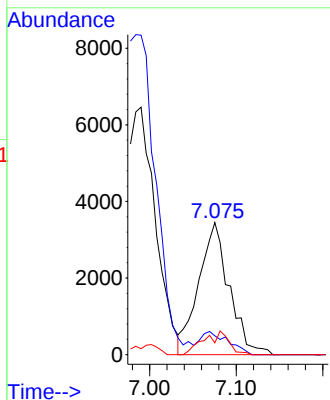
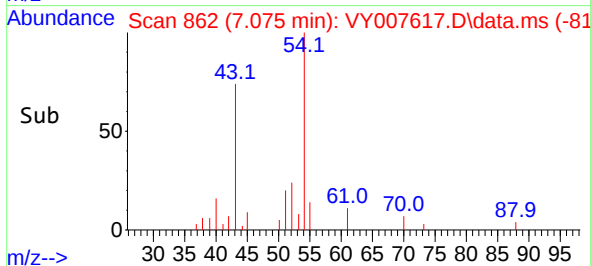
Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBS02



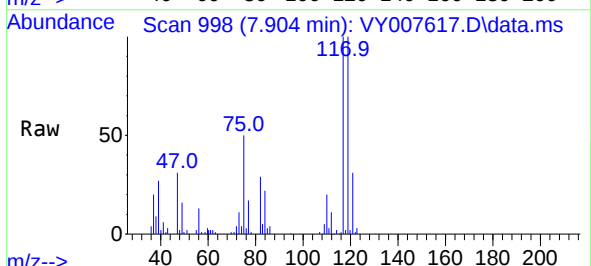
Tgt Ion: 43 Resp: 844
Ion Ratio Lower Upper
43 100
61 15.9 9.7 14.5
70 14.9 7.1 10.7

Manual Integrations
APPROVED

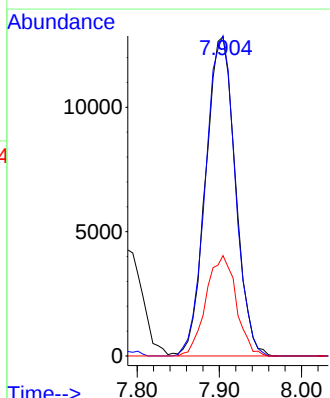
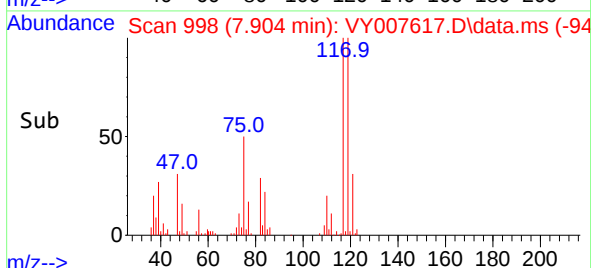
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022

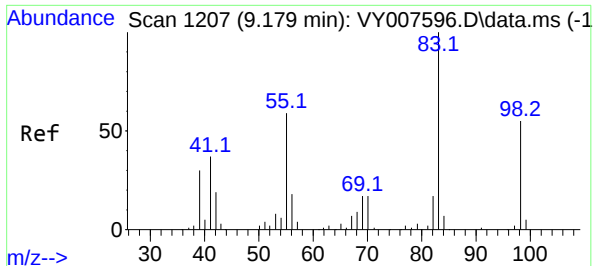


#38
Carbon Tetrachloride
Concen: 17.677 ug/l
RT: 7.904 min Scan# 998
Delta R.T. 0.005 min
Lab File: VY007617.D
Acq: 24 Feb 2022 14:20



Tgt Ion:117 Resp: 32209
Ion Ratio Lower Upper
117 100
119 100.2 77.9 116.9
121 31.4 24.8 37.2





#39

Methylcyclohexane

Concen: 18.474 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY007617.D

Acq: 24 Feb 2022 14:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0224SBS02

Tgt Ion: 83 Resp: 2795

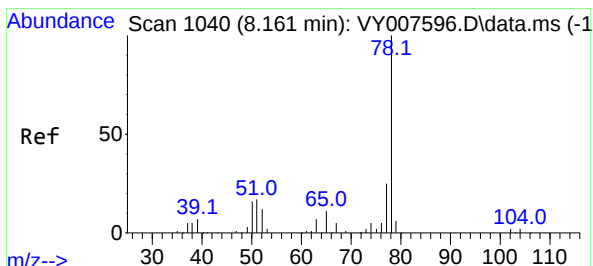
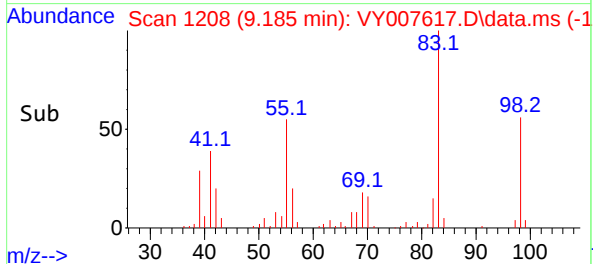
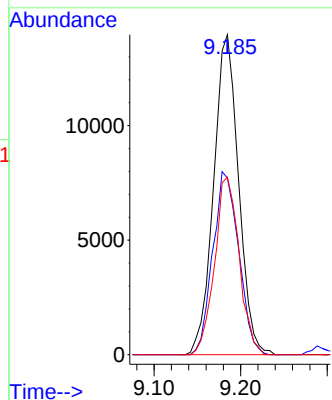
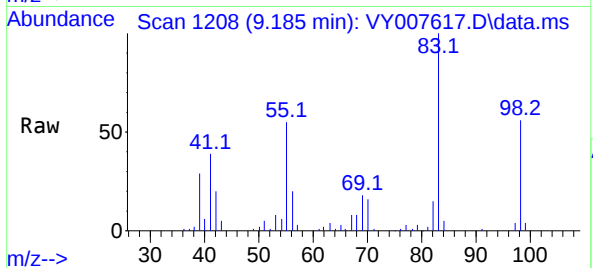
Ion	Ratio	Lower	Upper
83	100		
55	55.2	66.5	99.7
98	55.5	37.9	56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/25/2022

Supervised By :Mahesh Dadoda 02/25/2022



#40

Benzene

Concen: 18.025 ug/l

RT: 8.160 min Scan# 1040

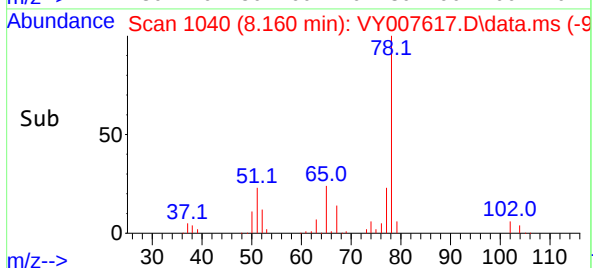
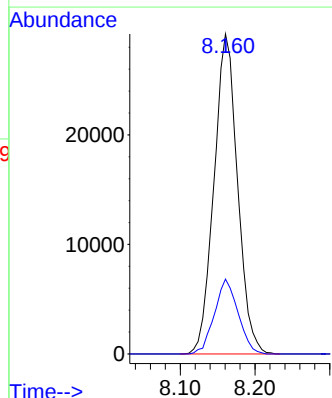
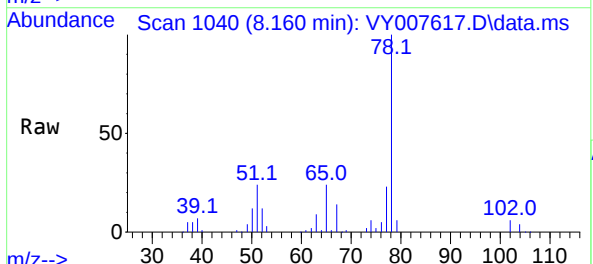
Delta R.T. -0.001 min

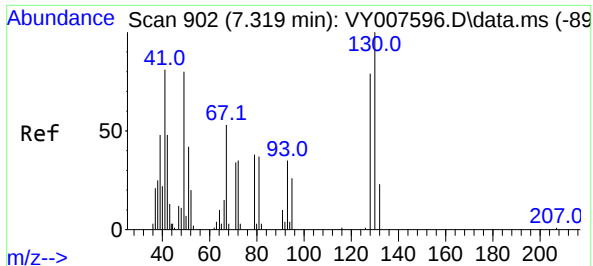
Lab File: VY007617.D

Acq: 24 Feb 2022 14:20

Tgt Ion: 78 Resp: 63991

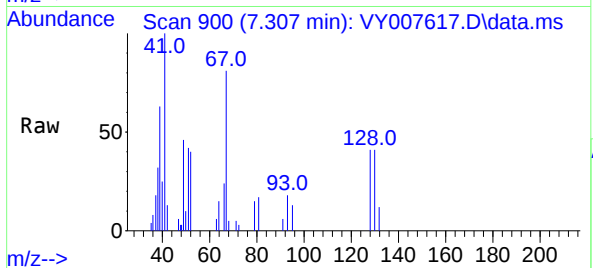
Ion	Ratio	Lower	Upper
78	100		
77	23.4	20.4	30.6





#41
Methacrylonitrile
Concen: 13.883 ug/l
RT: 7.307 min Scan# 902
Delta R.T. -0.012 min
Lab File: VY007617.D
Acq: 24 Feb 2022 14:20

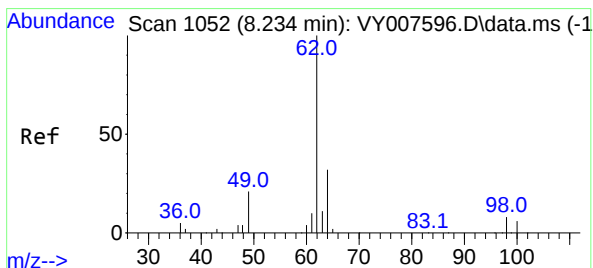
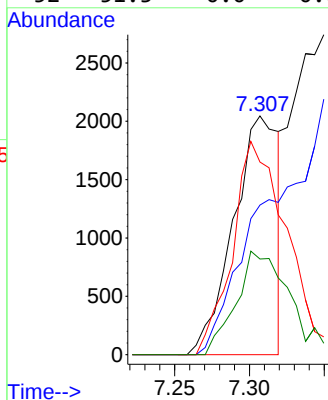
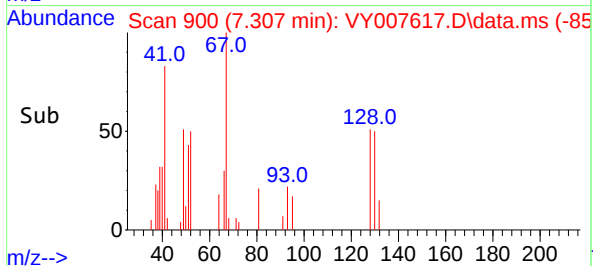
Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBS02



Tgt Ion: 41 Resp: 4289
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3
67 106.6 0.0 0.0
52 51.3 0.0 0.0

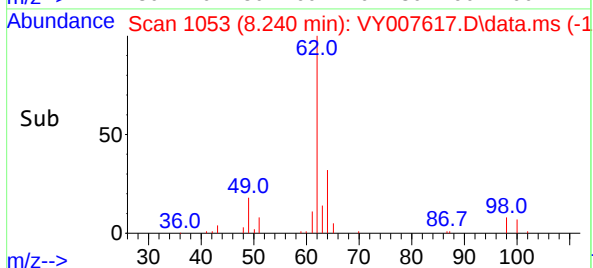
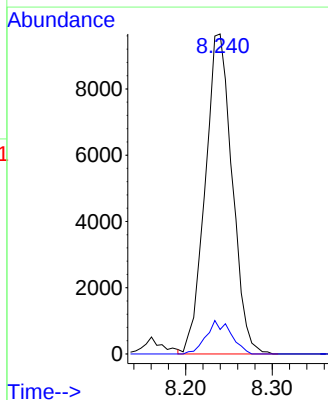
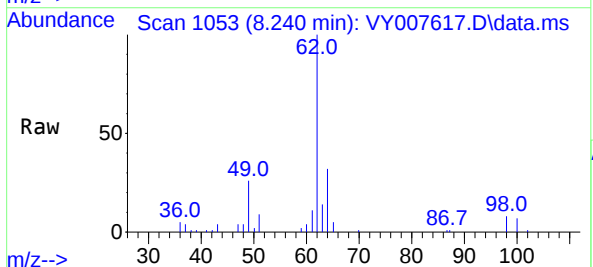
Manual Integrations
APPROVED

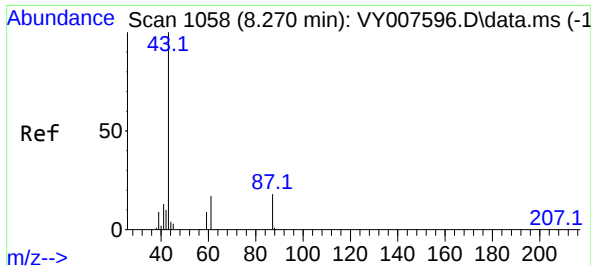
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022



#42
1,2-Dichloroethane
Concen: 16.053 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY007617.D
Acq: 24 Feb 2022 14:20

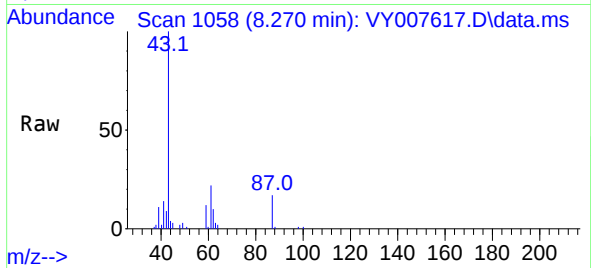
Tgt Ion: 62 Resp: 20876
Ion Ratio Lower Upper
62 100
98 9.6 0.0 14.8





#43
Isopropyl Acetate
Concen: 15.543 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY007617.D
Acq: 24 Feb 2022 14:20

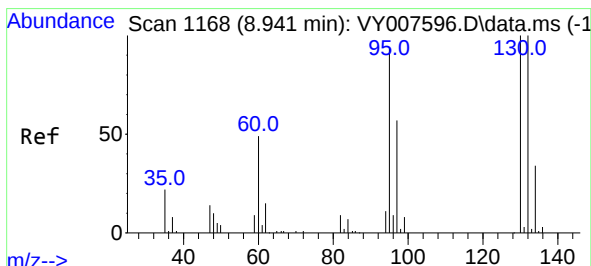
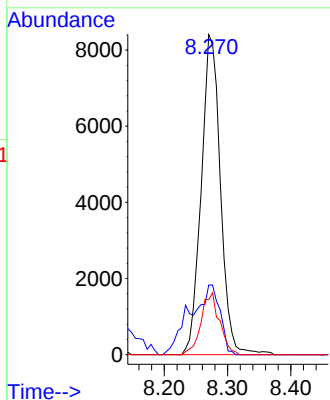
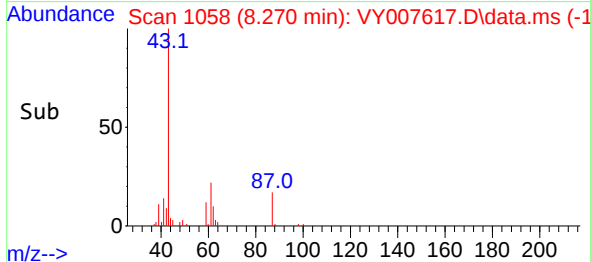
Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBS02



Tgt Ion: 43 Resp: 17784
Ion Ratio Lower Upper
43 100
61 22.4 20.2 30.2
87 18.7 8.9 13.3

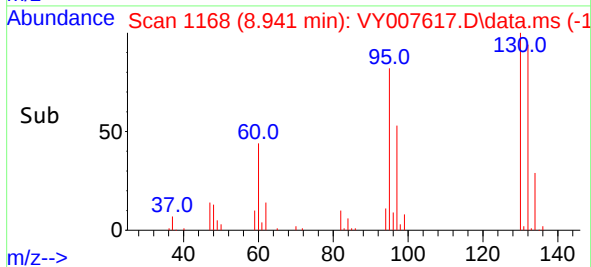
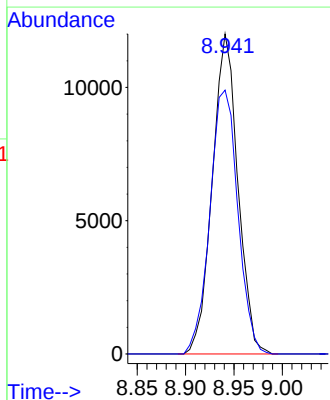
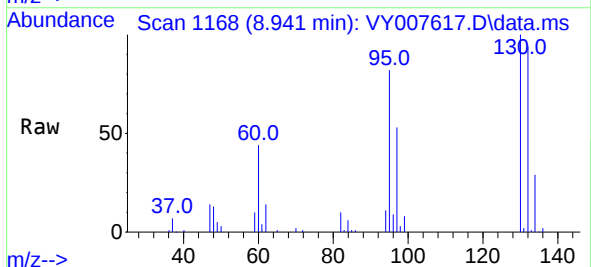
Manual Integrations
APPROVED

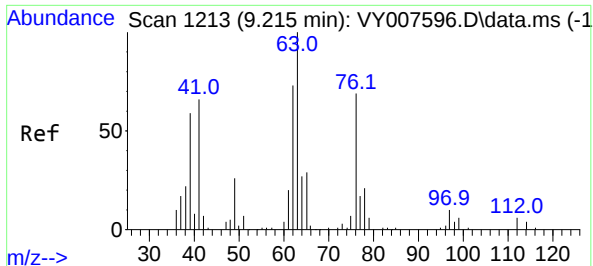
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022



#44
Trichloroethene
Concen: 18.331 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY007617.D
Acq: 24 Feb 2022 14:20

Tgt Ion:130 Resp: 22082
Ion Ratio Lower Upper
130 100
95 82.5 0.0 188.2





#45

1,2-Dichloropropane

Concen: 17.582 ug/l

RT: 9.221 min Scan# 1214

Delta R.T. 0.006 min

Lab File: VY007617.D

Acq: 24 Feb 2022 14:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0224SBS02

Tgt Ion: 63 Resp: 13284

Ion Ratio Lower Upper

63 100

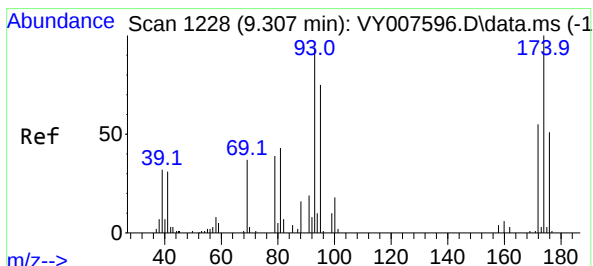
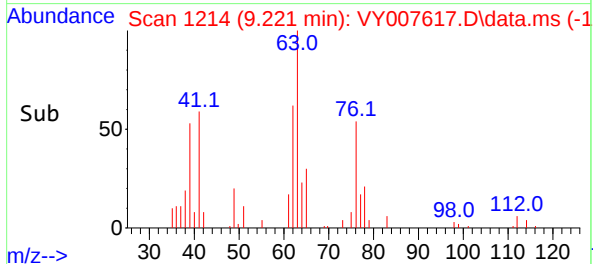
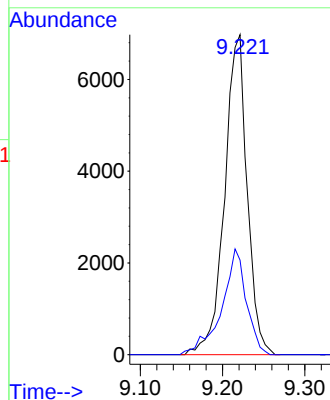
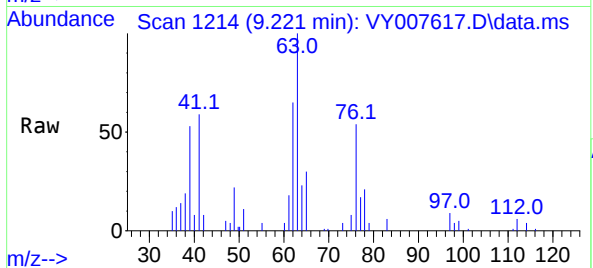
65 29.5 23.0 34.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/25/2022

Supervised By :Mahesh Dadoda 02/25/2022



#46

Dibromomethane

Concen: 16.805 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY007617.D

Acq: 24 Feb 2022 14:20

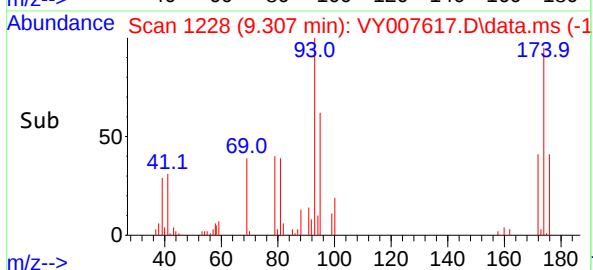
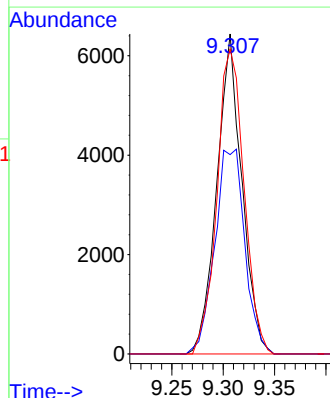
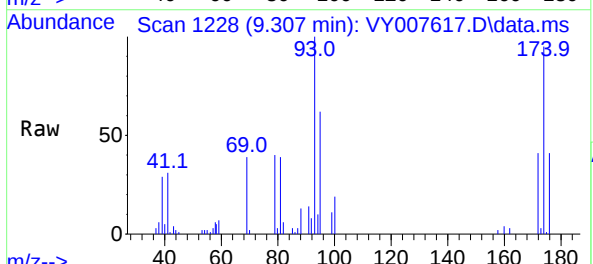
Tgt Ion: 93 Resp: 10887

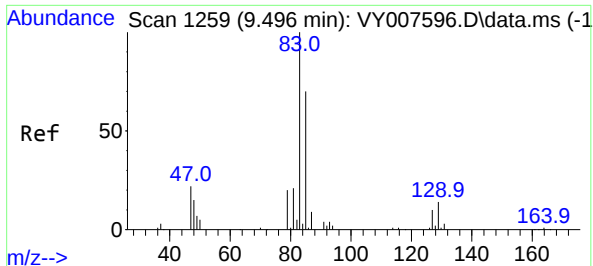
Ion Ratio Lower Upper

93 100

95 76.9 64.3 96.5

174 103.3 83.4 125.0





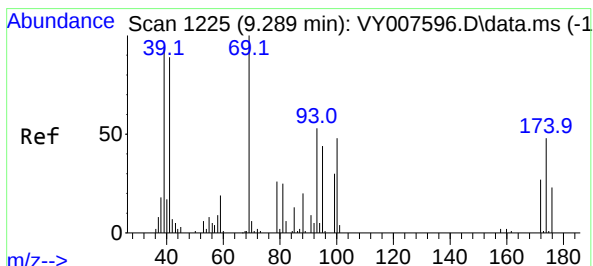
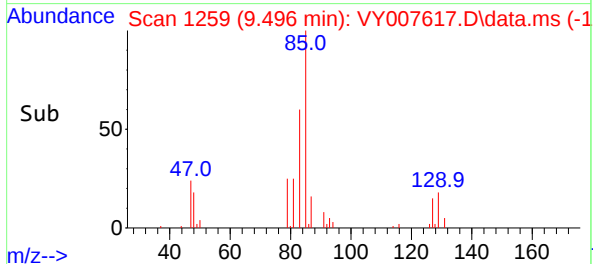
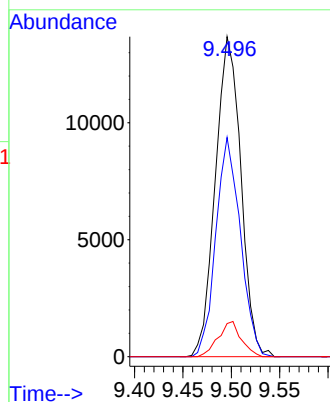
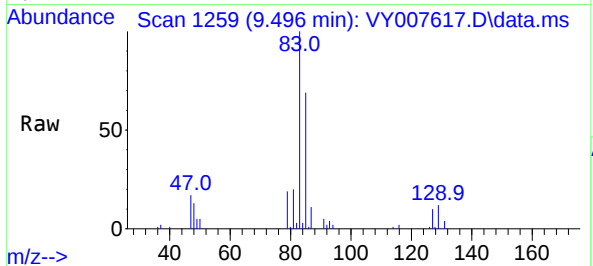
#47
Bromodichloromethane
Concen: 17.195 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY007617.D
Acq: 24 Feb 2022 14:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBS02

Tgt Ion: 83 Resp: 25089
Ion Ratio Lower Upper
83 100
85 68.5 51.9 77.9
127 10.4 6.6 10.0

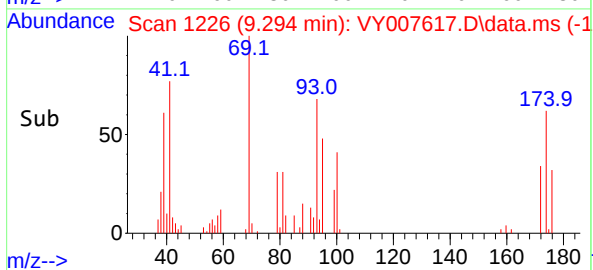
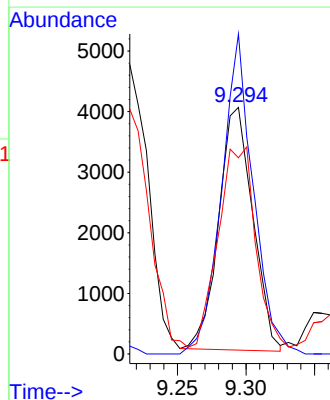
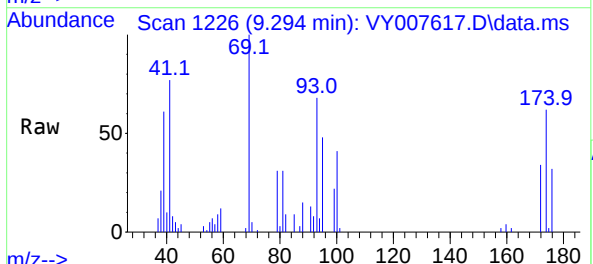
Manual Integrations
APPROVED

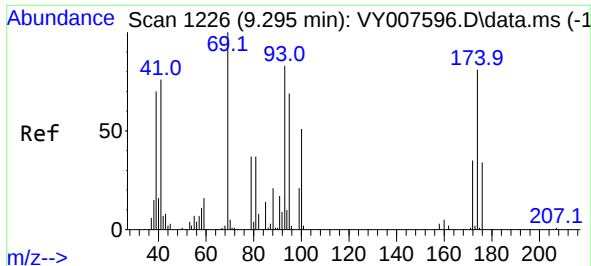
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022



#48
Methyl methacrylate
Concen: 14.393 ug/l
RT: 9.294 min Scan# 1226
Delta R.T. 0.005 min
Lab File: VY007617.D
Acq: 24 Feb 2022 14:20

Tgt Ion: 41 Resp: 6945
Ion Ratio Lower Upper
41 100
69 122.2 58.2 87.2#
39 91.7 47.4 71.0#





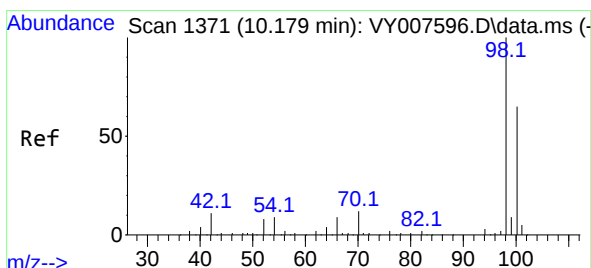
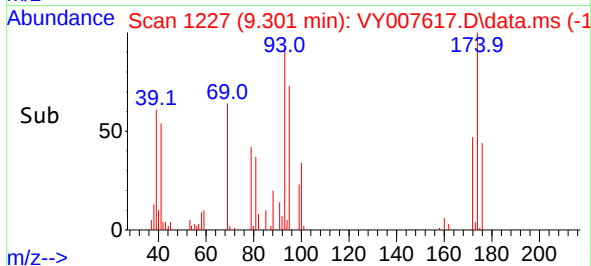
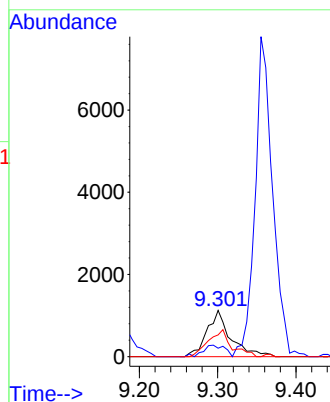
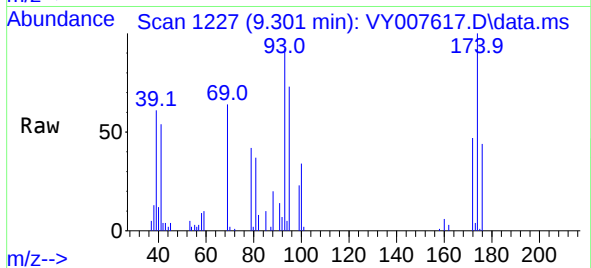
#49
1,4-Dioxane
Concen: 288.249 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY007617.D
Acq: 24 Feb 2022 14:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBS02

Tgt Ion: 88 Resp: 2370
Ion Ratio Lower Upper
88 100
43 22.5 32.8 49.2
58 56.1 59.8 89.6

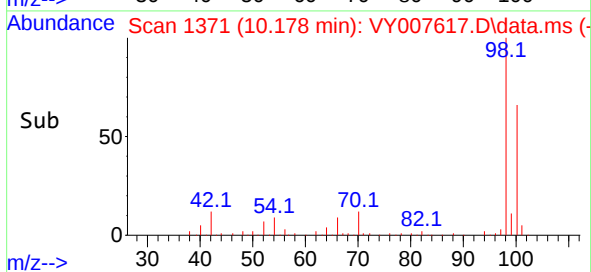
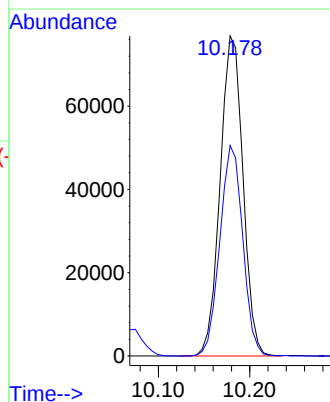
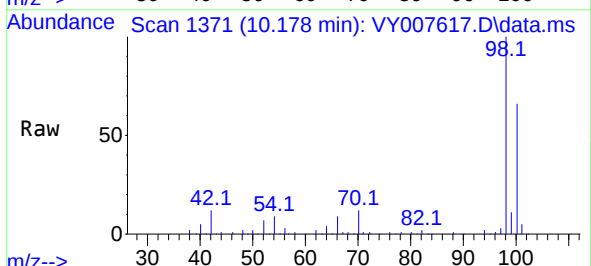
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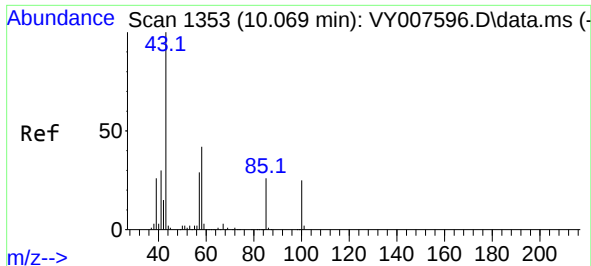
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022



#50
Toluene-d8
Concen: 42.428 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY007617.D
Acq: 24 Feb 2022 14:20

Tgt Ion: 98 Resp: 133560
Ion Ratio Lower Upper
98 100
100 65.9 50.2 75.2





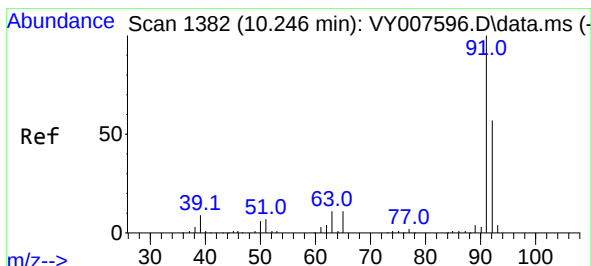
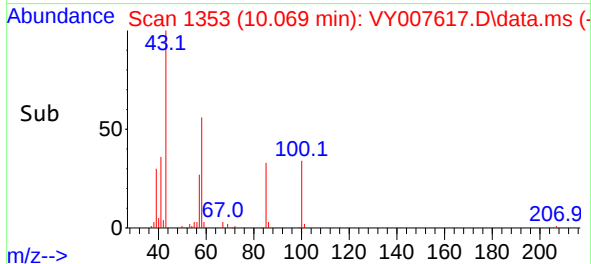
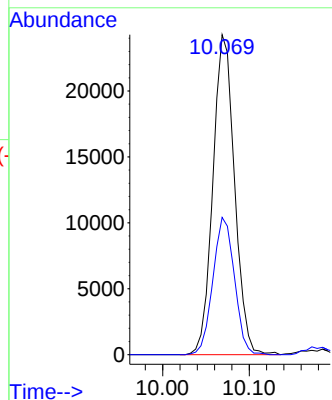
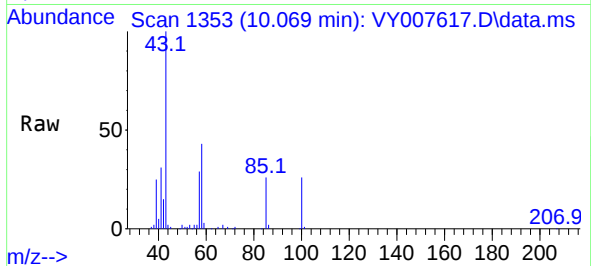
#51
4-Methyl-2-Pentanone
Concen: 73.199 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY007617.D
Acq: 24 Feb 2022 14:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBS02

Tgt Ion: 43 Resp: 42152
Ion Ratio Lower Upper
43 100
58 42.7 28.1 42.1

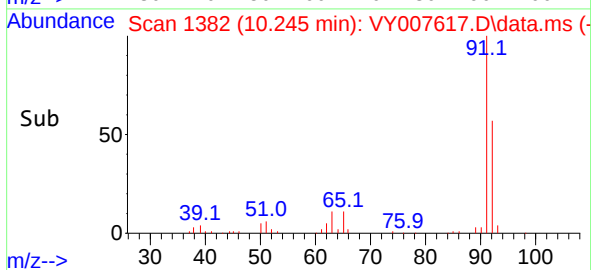
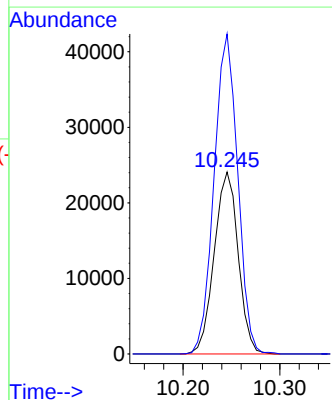
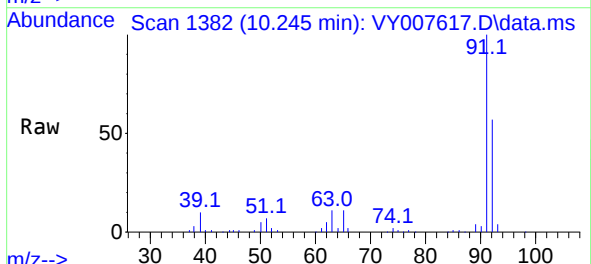
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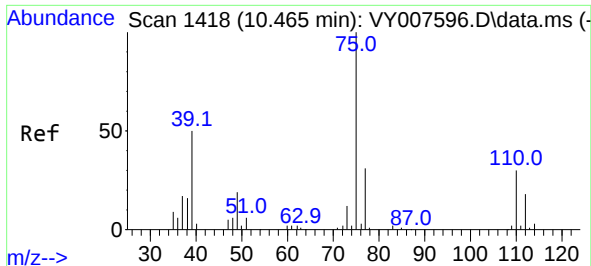
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022



#52
Toluene
Concen: 17.097 ug/l
RT: 10.245 min Scan# 1382
Delta R.T. -0.001 min
Lab File: VY007617.D
Acq: 24 Feb 2022 14:20

Tgt Ion: 92 Resp: 41400
Ion Ratio Lower Upper
92 100
91 173.4 142.6 213.8





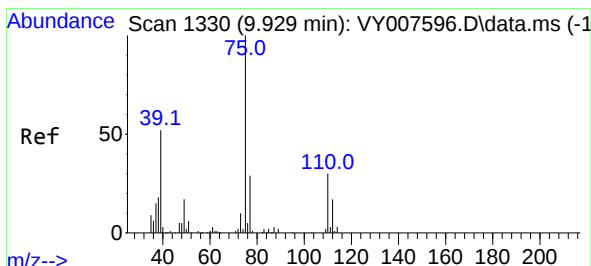
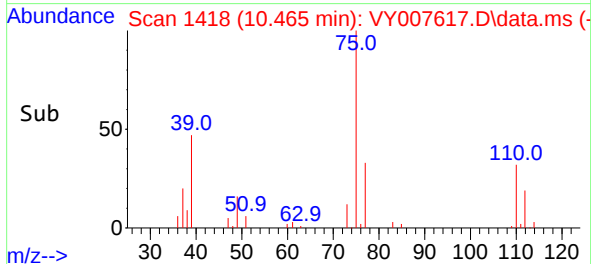
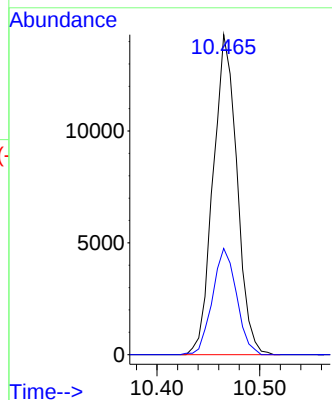
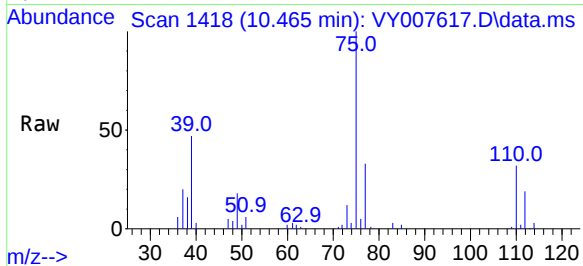
#53
 t-1,3-Dichloropropene
 Concen: 15.750 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VY007617.D
 Acq: 24 Feb 2022 14:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0224SBS02

Tgt Ion: 75 Resp: 23059
 Ion Ratio Lower Upper
 75 100
 77 33.2 25.4 38.2

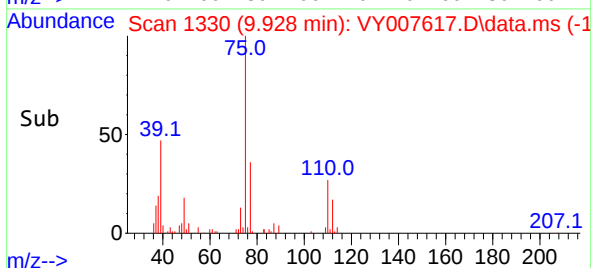
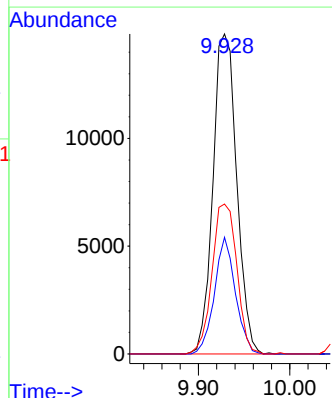
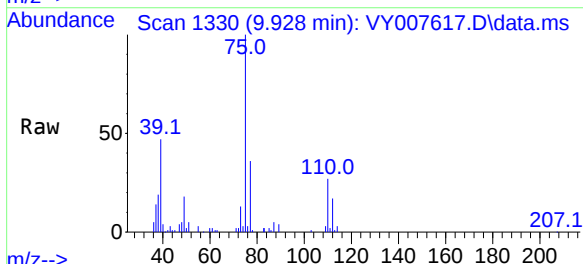
Manual Integrations
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Reviewed By :John Carlone 02/25/2022
 Supervised By :Mahesh Dadoda 02/25/2022



#54
 cis-1,3-Dichloropropene
 Concen: 17.321 ug/l
 RT: 9.928 min Scan# 1330
 Delta R.T. -0.001 min
 Lab File: VY007617.D
 Acq: 24 Feb 2022 14:20

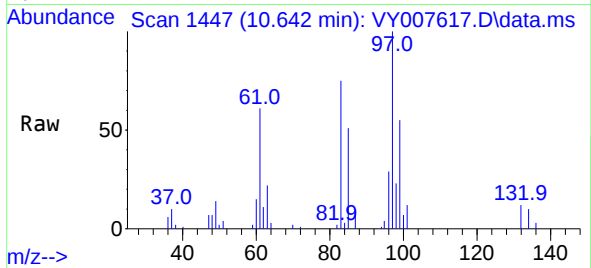
Tgt Ion: 75 Resp: 26774
 Ion Ratio Lower Upper
 75 100
 77 36.5 25.6 38.4
 39 46.9 47.6 71.4#





#55
1,1,2-Trichloroethane
Concen: 16.851 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY007617.D
Acq: 24 Feb 2022 14:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBS02

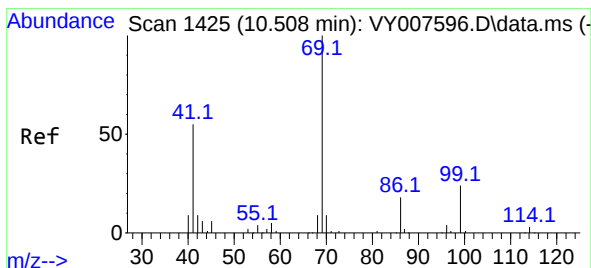
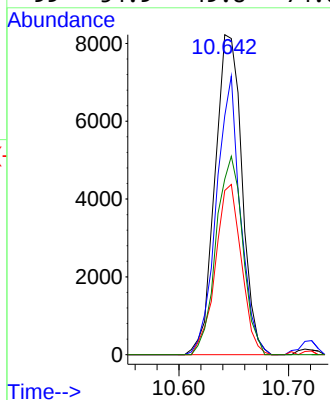
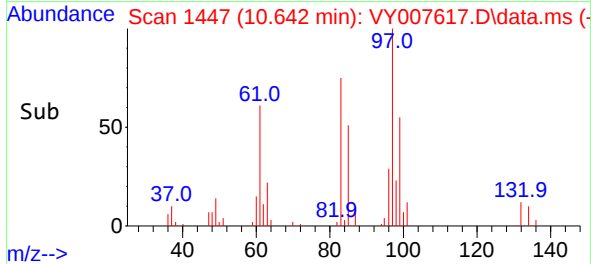


Tgt Ion: 97 Resp: 1406

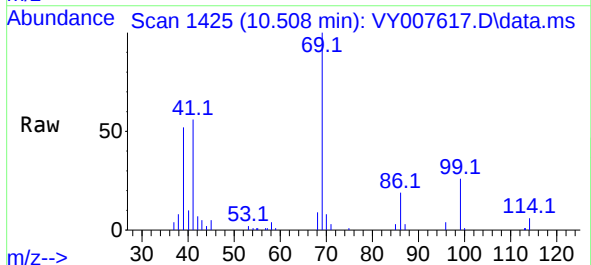
Ion	Ratio	Lower	Upper
97	100		
83	74.7	69.8	104.8
85	51.3	44.3	66.5
99	54.9	49.8	74.6

Manual Integrations
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Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022

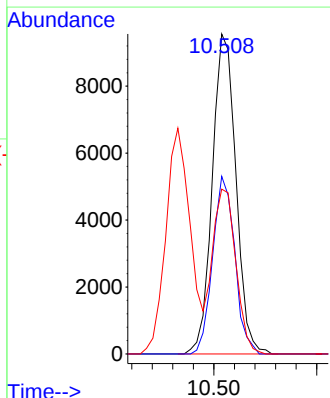
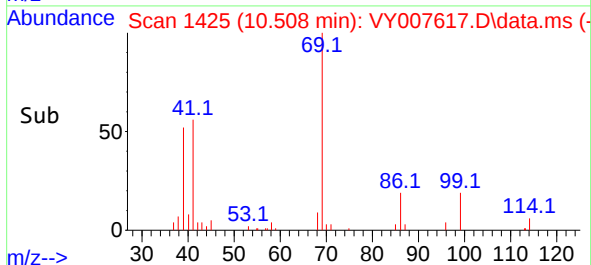


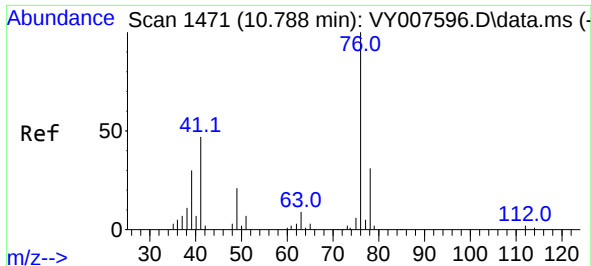
#56
Ethyl methacrylate
Concen: 15.460 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY007617.D
Acq: 24 Feb 2022 14:20



Tgt Ion: 69 Resp: 15204

Ion	Ratio	Lower	Upper
69	100		
41	52.0	63.4	95.0
39	51.2	35.8	53.8





#57

1,3-Dichloropropane

Concen: 16.742 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY007617.D

Acq: 24 Feb 2022 14:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0224SBS02

Tgt Ion: 76 Resp: 21434

Ion Ratio Lower Upper

76 100

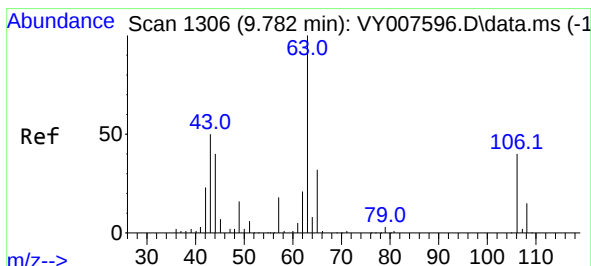
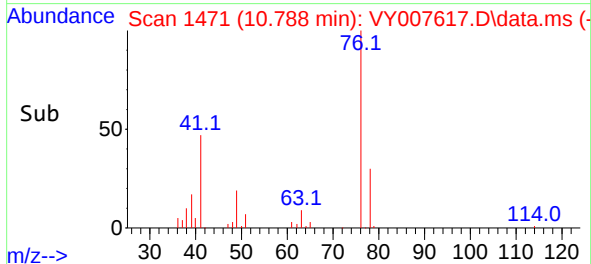
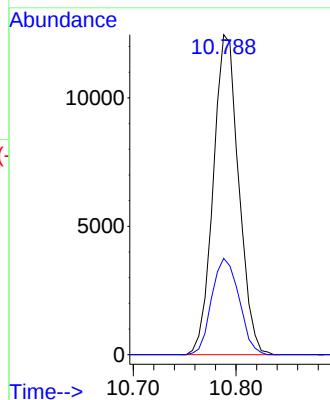
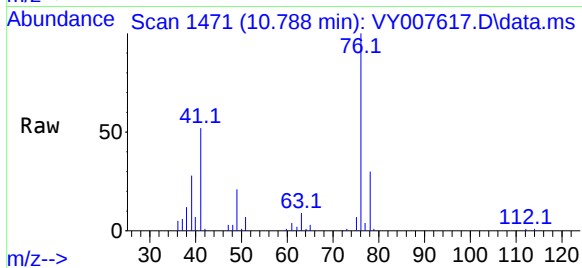
78 32.4 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/25/2022

Supervised By :Mahesh Dadoda 02/25/2022



#58

2-Chloroethyl Vinyl ether

Concen: 72.666 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY007617.D

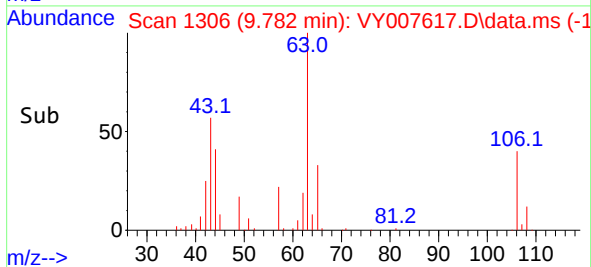
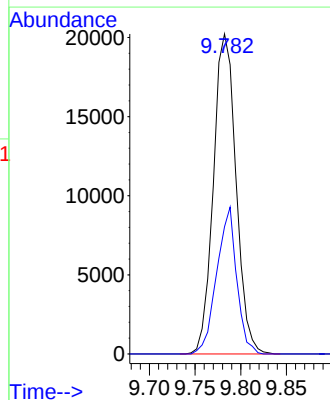
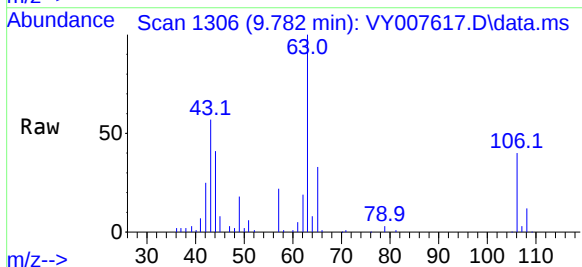
Acq: 24 Feb 2022 14:20

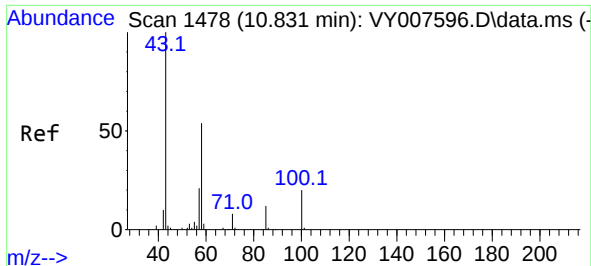
Tgt Ion: 63 Resp: 34775

Ion Ratio Lower Upper

63 100

106 40.5 21.5 32.3#





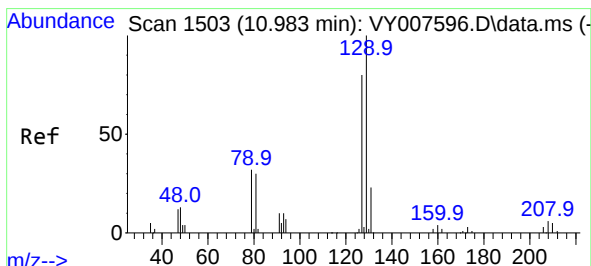
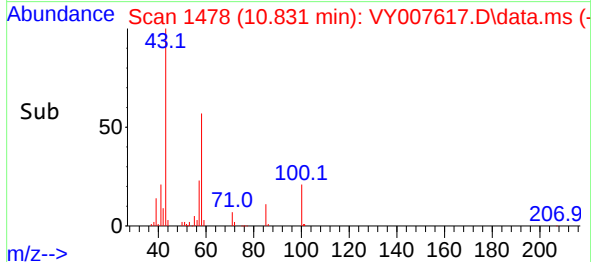
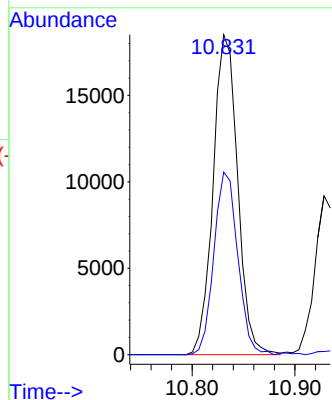
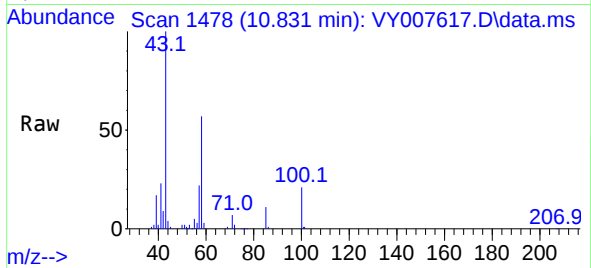
#59
2-Hexanone
Concen: 74.662 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY007617.D
Acq: 24 Feb 2022 14:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBS02

Tgt Ion: 43 Resp: 3064
Ion Ratio Lower Upper
43 100
58 55.6 24.4 73.4

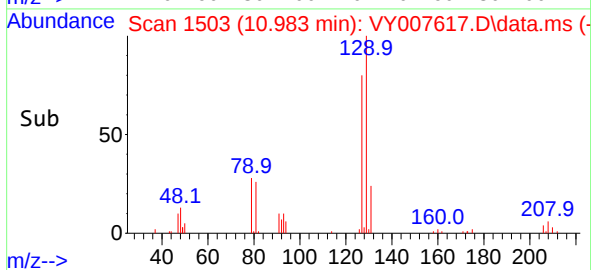
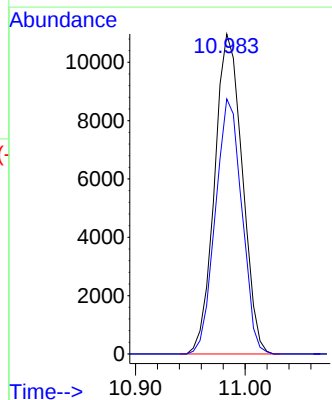
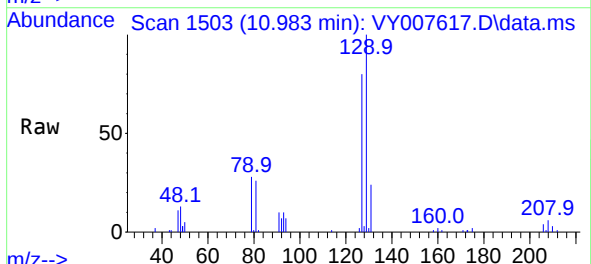
Manual Integrations
APPROVED

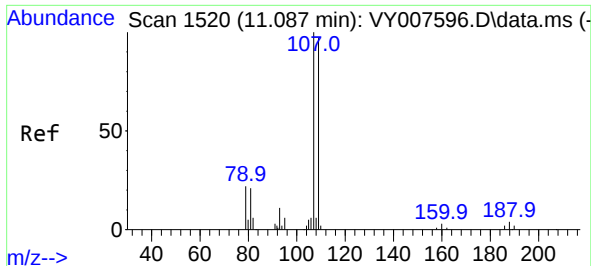
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022



#60
Dibromochloromethane
Concen: 17.071 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY007617.D
Acq: 24 Feb 2022 14:20

Tgt Ion:129 Resp: 19266
Ion Ratio Lower Upper
129 100
127 76.1 38.7 116.1





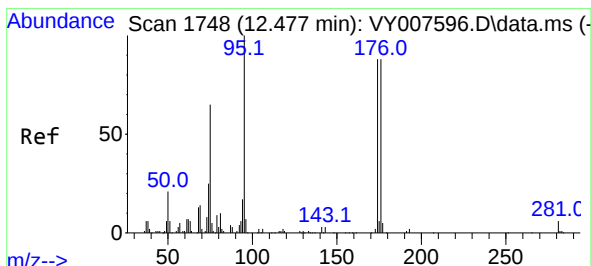
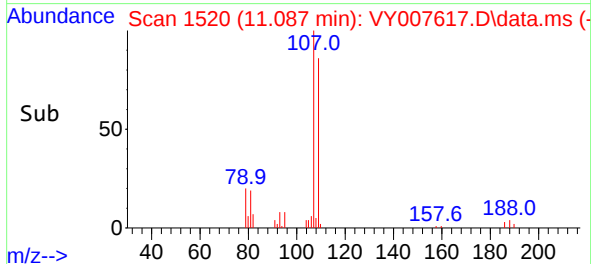
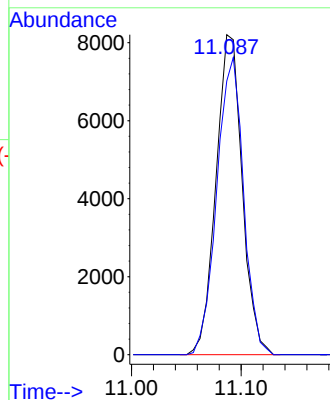
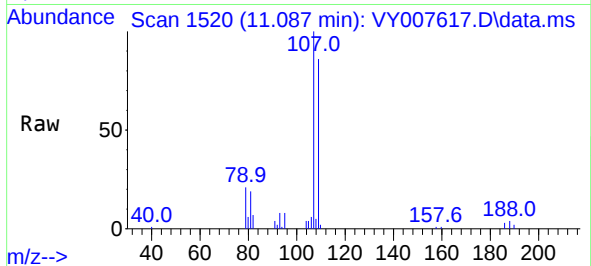
#61
1,2-Dibromoethane
Concen: 16.250 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY007617.D
Acq: 24 Feb 2022 14:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBS02

Tgt Ion:107 Resp: 13644
Ion Ratio Lower Upper
107 100
109 94.5 75.4 113.2

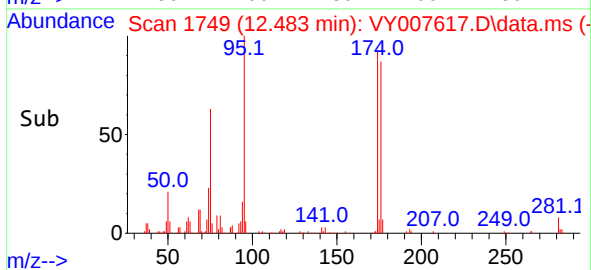
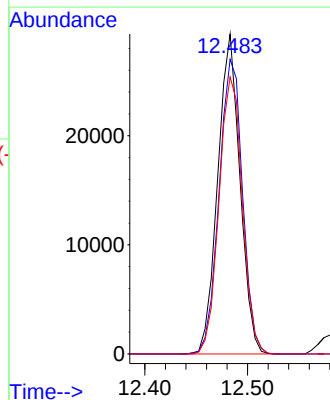
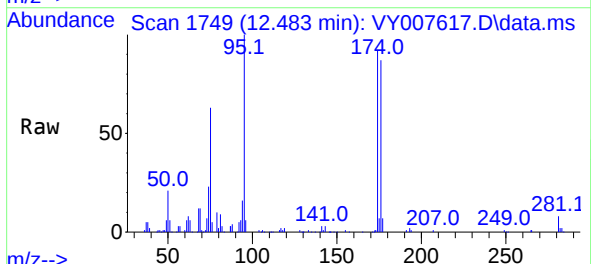
Manual Integrations
APPROVED

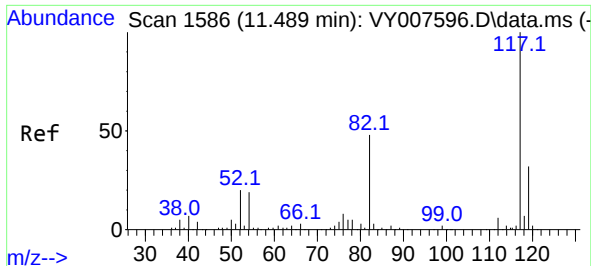
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022



#62
4-Bromofluorobenzene
Concen: 40.244 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY007617.D
Acq: 24 Feb 2022 14:20

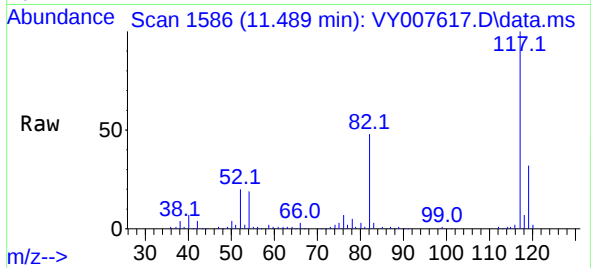
Tgt Ion: 95 Resp: 43938
Ion Ratio Lower Upper
95 100
174 96.9 0.0 177.0
176 90.7 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY007617.D
Acq: 24 Feb 2022 14:20

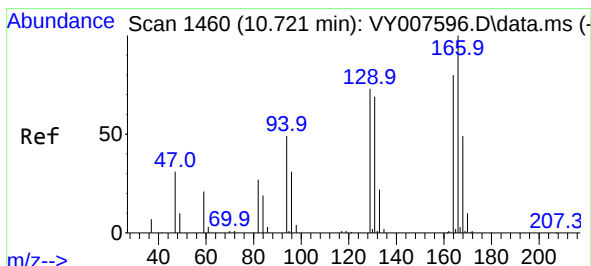
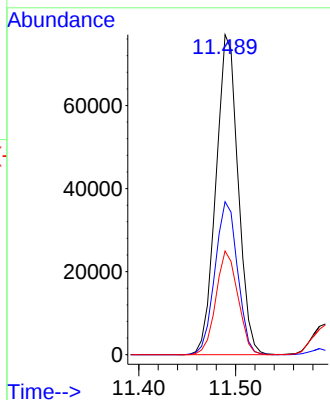
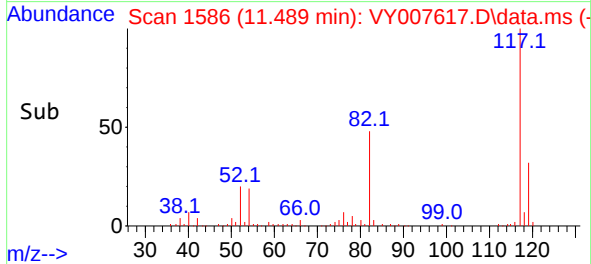
Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBS02



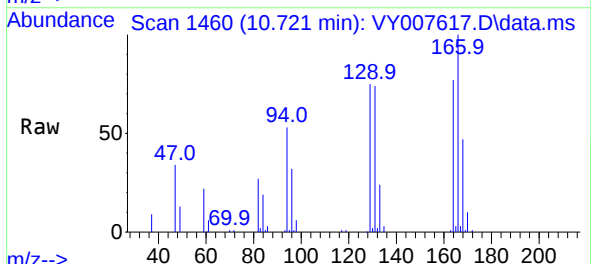
Tgt Ion:117 Resp: 12238
Ion Ratio Lower Upper
117 100
82 47.8 43.0 64.4
119 32.4 25.4 38.0

Manual Integrations
APPROVED

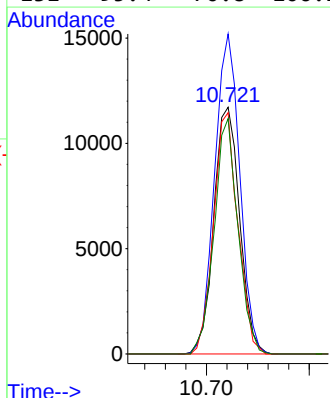
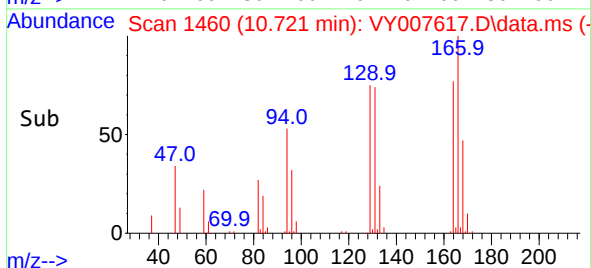
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022

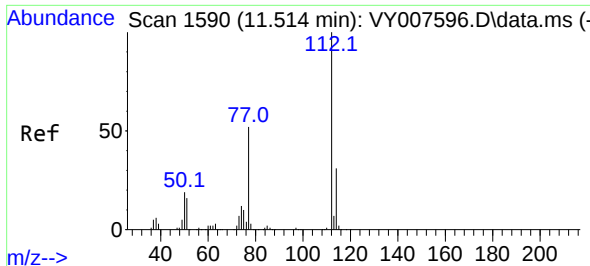


#64
Tetrachloroethene
Concen: 20.309 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY007617.D
Acq: 24 Feb 2022 14:20



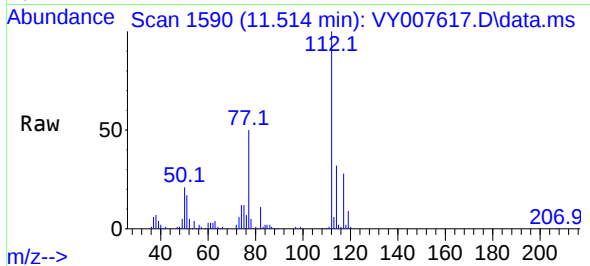
Tgt Ion:164 Resp: 20421
Ion Ratio Lower Upper
164 100
166 129.7 100.4 150.6
129 97.8 71.4 107.0
131 95.4 70.8 106.2





#65
Chlorobenzene
Concen: 18.696 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. -0.000 min
Lab File: VY007617.D
Acq: 24 Feb 2022 14:20

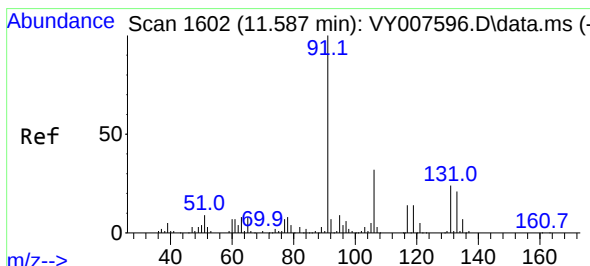
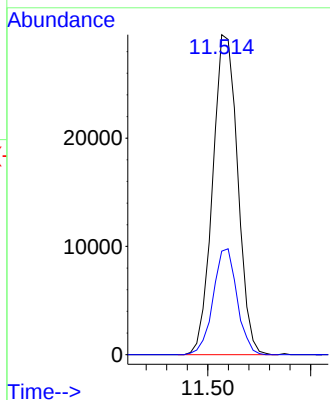
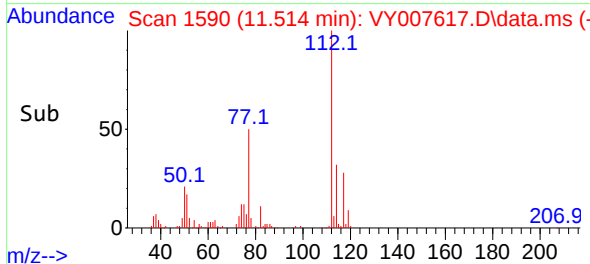
Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBS02



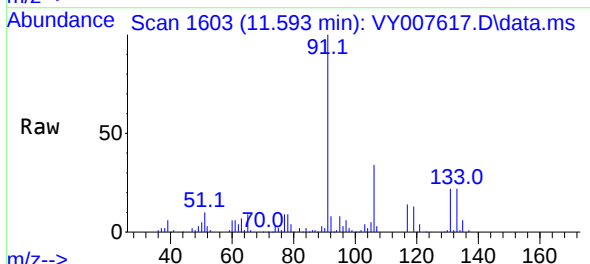
Tgt Ion:112 Resp: 49874
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.6

Manual Integrations
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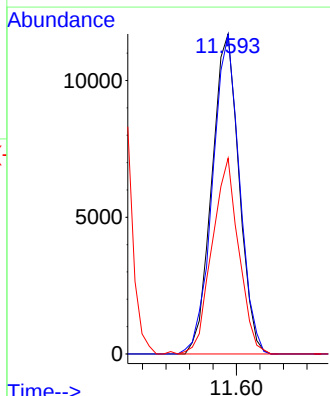
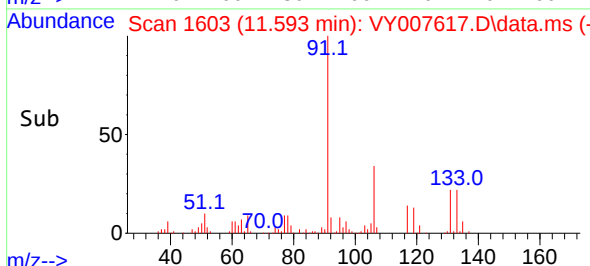
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022

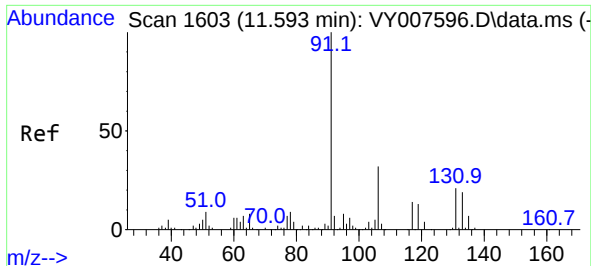


#66
1,1,1,2-Tetrachloroethane
Concen: 17.719 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY007617.D
Acq: 24 Feb 2022 14:20



Tgt Ion:131 Resp: 18728
Ion Ratio Lower Upper
131 100
133 99.3 47.9 143.6
119 60.4 30.8 92.3





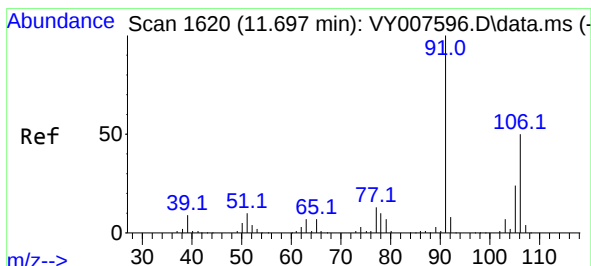
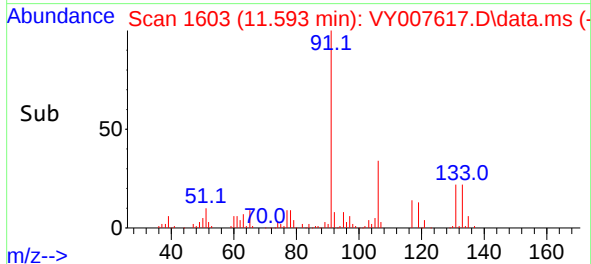
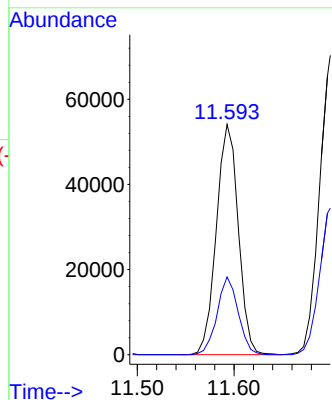
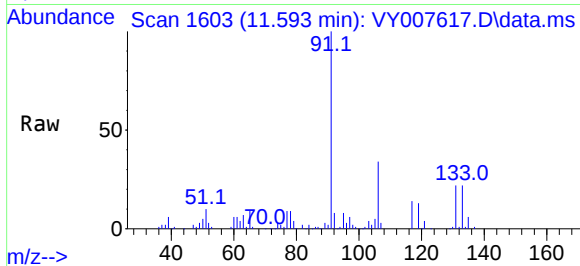
#67
Ethyl Benzene
Concen: 19.004 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY007617.D
Acq: 24 Feb 2022 14:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBS02

Tgt Ion: 91 Resp: 85020
Ion Ratio Lower Upper
91 100
106 33.8 24.5 36.7

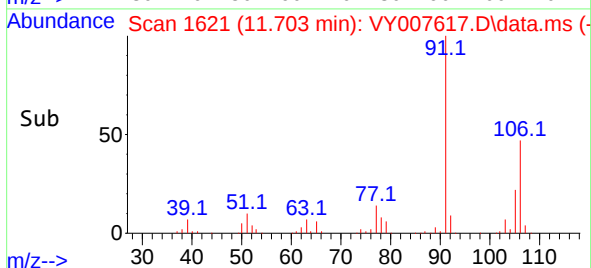
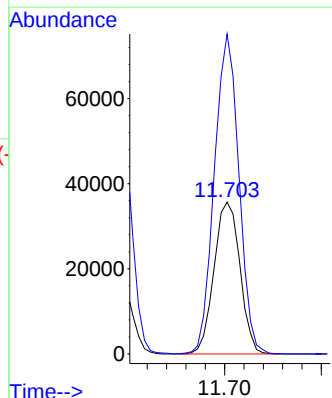
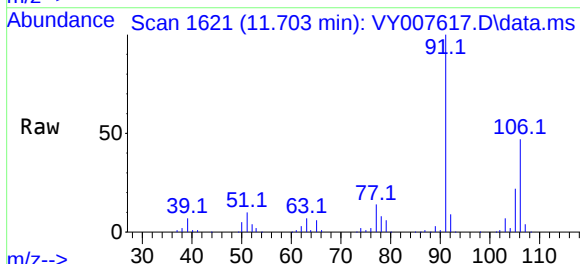
Manual Integrations
APPROVED

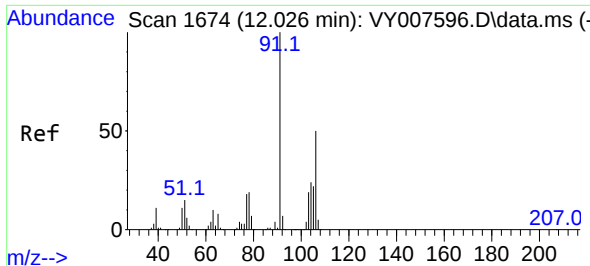
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022



#68
m/p-Xylenes
Concen: 37.833 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VY007617.D
Acq: 24 Feb 2022 14:20

Tgt Ion:106 Resp: 66288
Ion Ratio Lower Upper
106 100
91 199.6 166.6 249.8





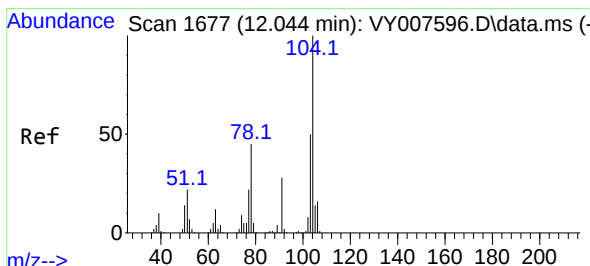
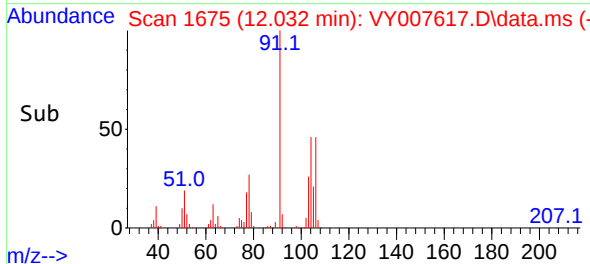
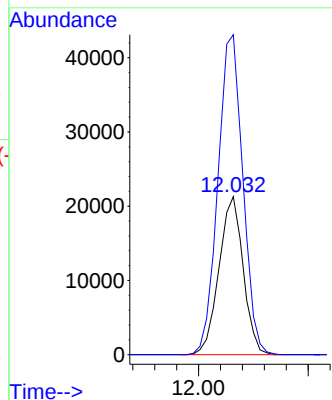
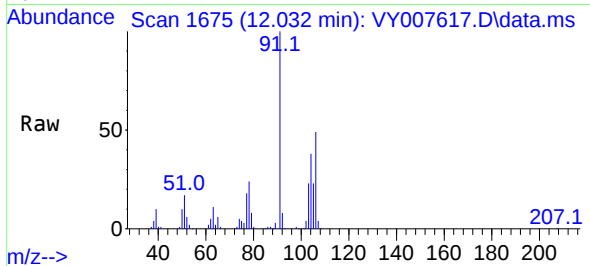
#69
o-Xylene
Concen: 18.939 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY007617.D
Acq: 24 Feb 2022 14:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBS02

Tgt Ion:106 Resp: 32630
Ion Ratio Lower Upper
106 100
91 208.7 110.3 331.0

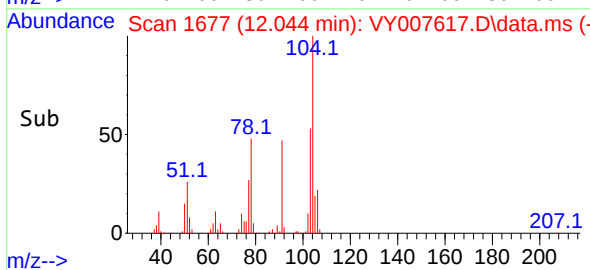
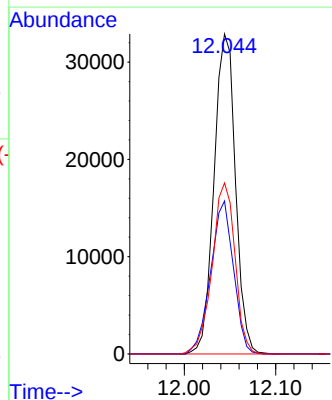
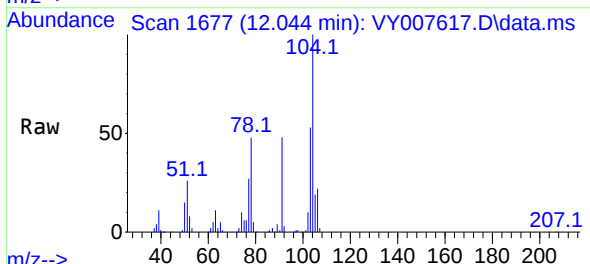
Manual Integrations
APPROVED

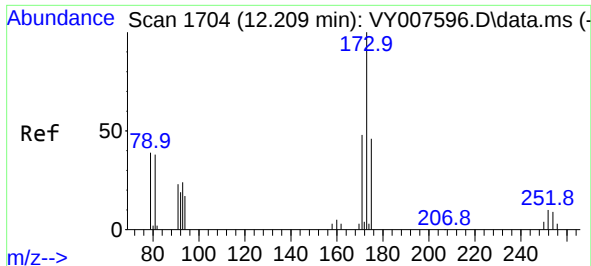
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022



#70
Styrene
Concen: 18.570 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY007617.D
Acq: 24 Feb 2022 14:20

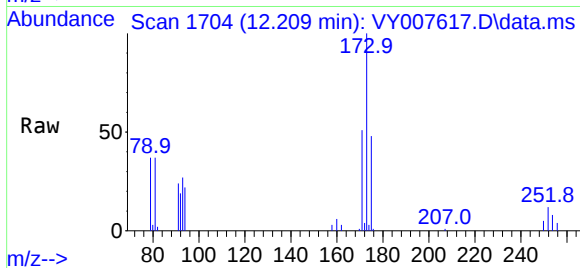
Tgt Ion:104 Resp: 53528
Ion Ratio Lower Upper
104 100
78 51.0 42.4 63.6
103 57.0 44.4 66.6





#71
Bromoform
Concen: 15.419 ug/l
RT: 12.209 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007617.D
Acq: 24 Feb 2022 14:20

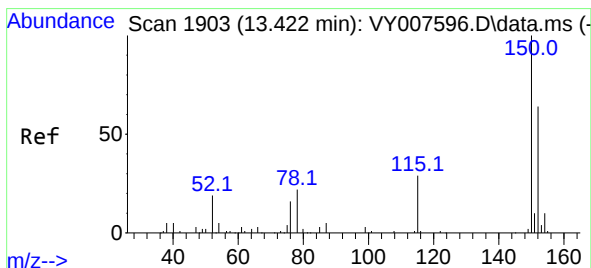
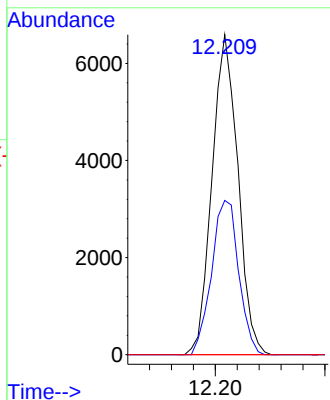
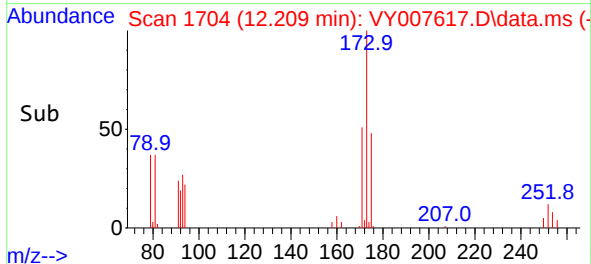
Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBS02



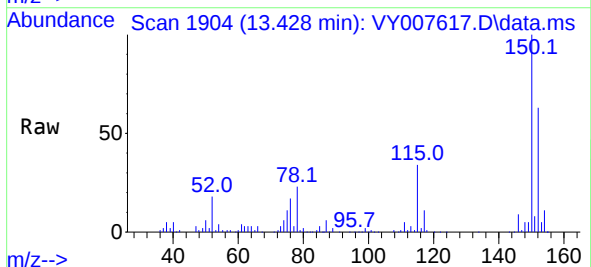
Tgt Ion:173 Resp: 1079
Ion Ratio Lower Upper
173 100
175 50.5 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

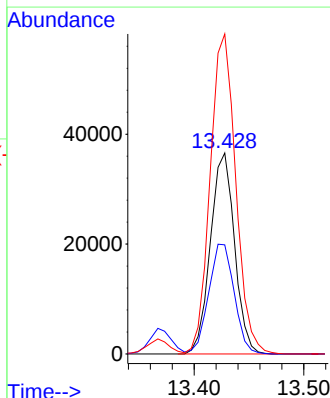
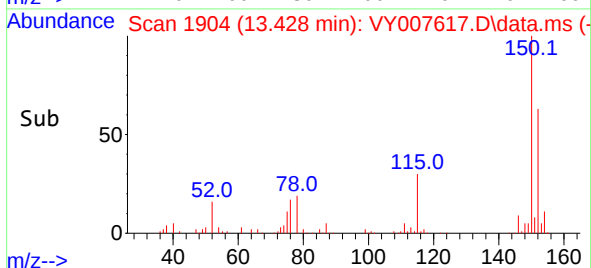
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022

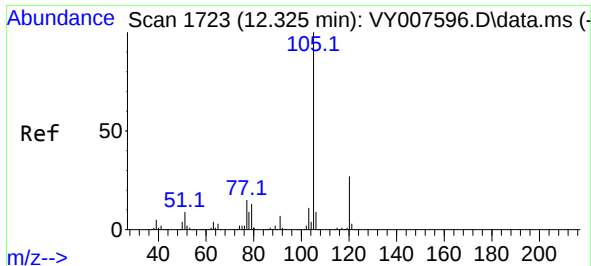


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007617.D
Acq: 24 Feb 2022 14:20



Tgt Ion:152 Resp: 56079
Ion Ratio Lower Upper
152 100
115 57.7 28.2 84.7
150 168.4 0.0 347.6





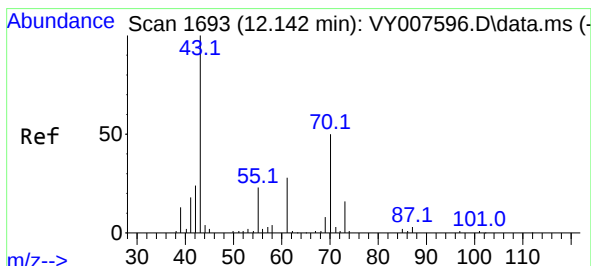
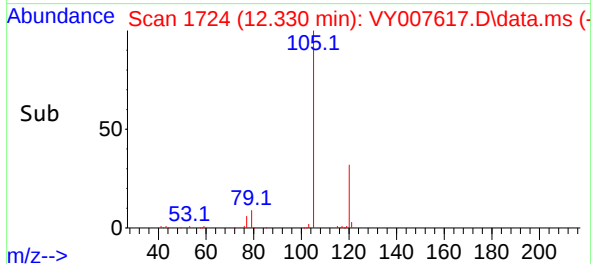
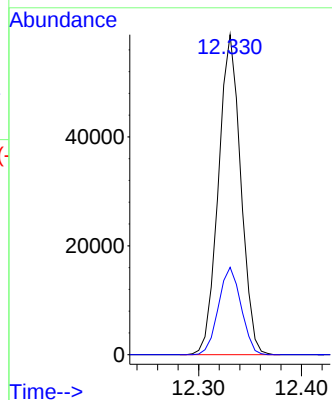
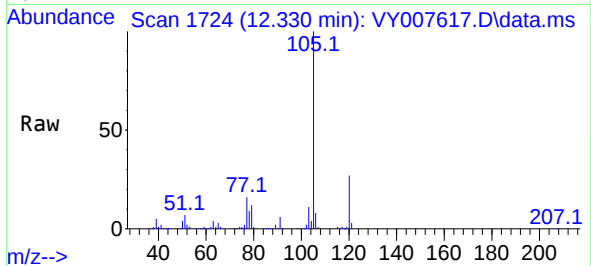
#73
Isopropylbenzene
Concen: 20.520 ug/l
RT: 12.330 min Scan# 1723
Delta R.T. 0.005 min
Lab File: VY007617.D
Acq: 24 Feb 2022 14:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBS02

Tgt Ion:105 Resp: 8864
Ion Ratio Lower Upper
105 100
120 27.6 13.4 40.2

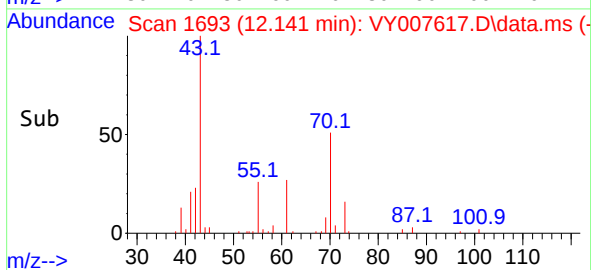
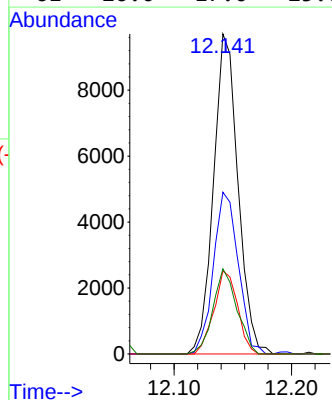
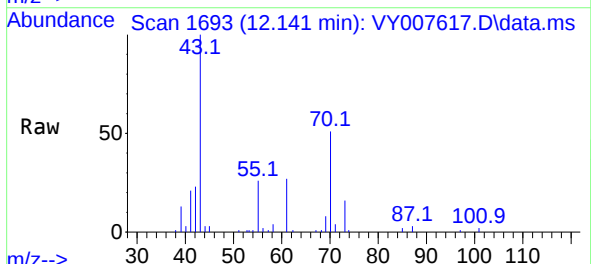
Manual Integrations
APPROVED

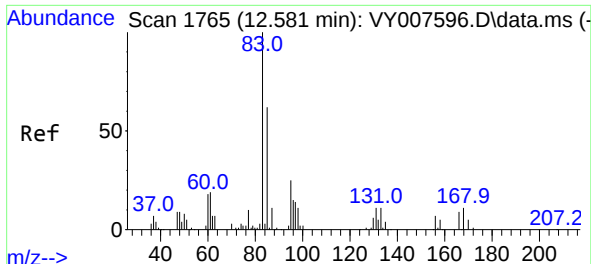
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022



#74
N-ethyl acetate
Concen: 16.711 ug/l
RT: 12.141 min Scan# 1693
Delta R.T. -0.001 min
Lab File: VY007617.D
Acq: 24 Feb 2022 14:20

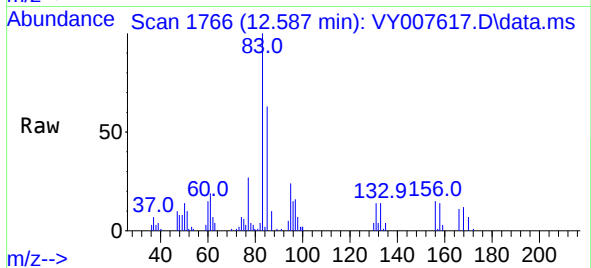
Tgt Ion: 43 Resp: 14058
Ion Ratio Lower Upper
43 100
70 51.4 28.7 43.1#
55 25.1 17.3 25.9
61 26.0 17.0 25.6#





#75
1,1,2,2-Tetrachloroethane
Concen: 17.236 ug/l
RT: 12.587 min Scan# 1765
Delta R.T. 0.006 min
Lab File: VY007617.D
Acq: 24 Feb 2022 14:20

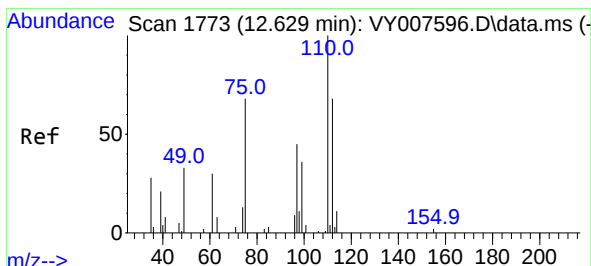
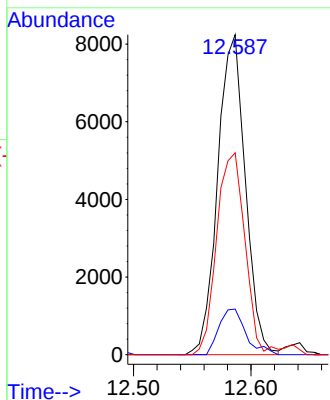
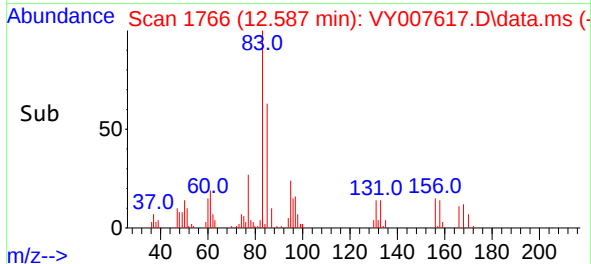
Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBS02



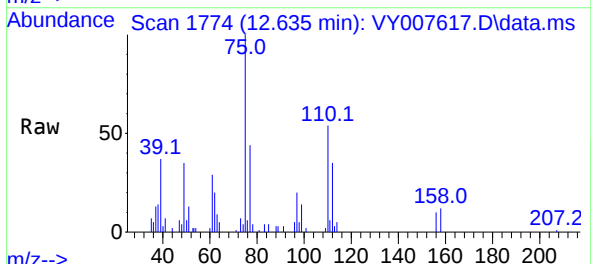
Tgt Ion: 83 Resp: 13500
Ion Ratio Lower Upper
83 100
131 13.8 5.6 16.8
85 64.6 32.3 96.8

Manual Integrations
APPROVED

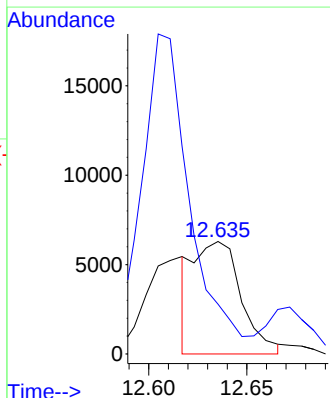
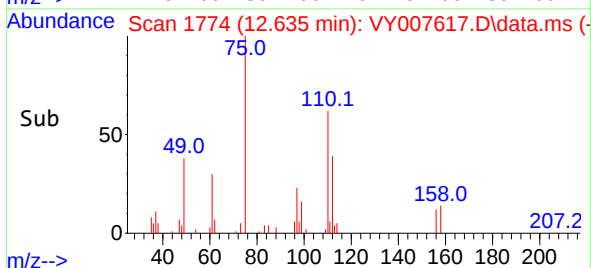
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022

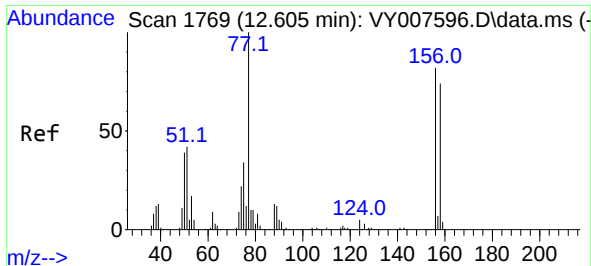


#76
1,2,3-Trichloropropane
Concen: 18.790 ug/l m
RT: 12.635 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VY007617.D
Acq: 24 Feb 2022 14:20



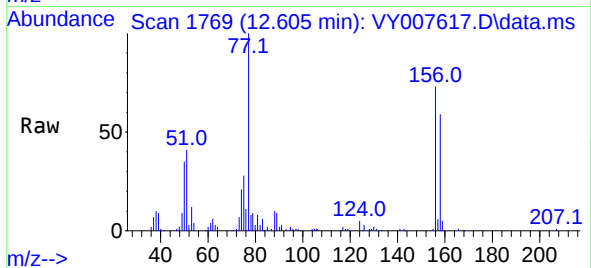
Tgt Ion: 75 Resp: 10539
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 18.878 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY007617.D
Acq: 24 Feb 2022 14:20

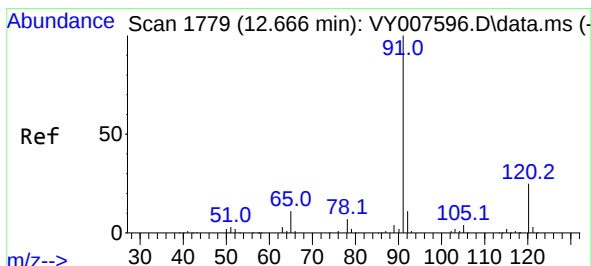
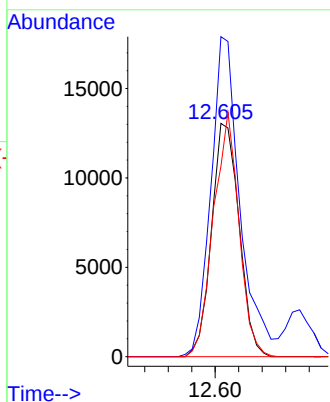
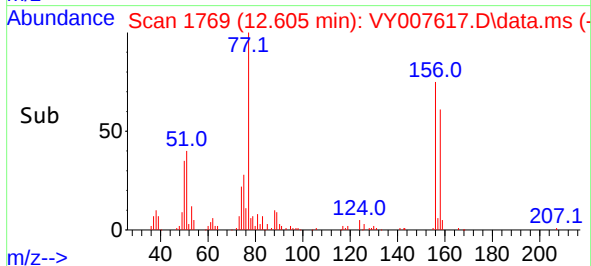
Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBS02



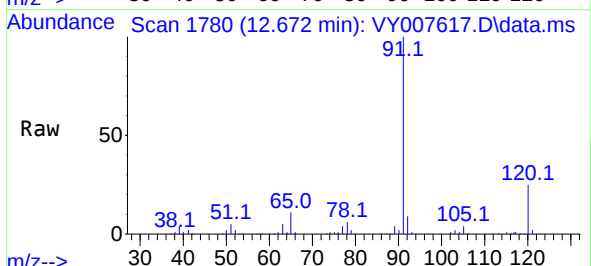
Tgt Ion:156 Resp: 21258
Ion Ratio Lower Upper
156 100
77 144.0 95.5 286.4
158 96.9 48.0 144.0

Manual Integrations
APPROVED

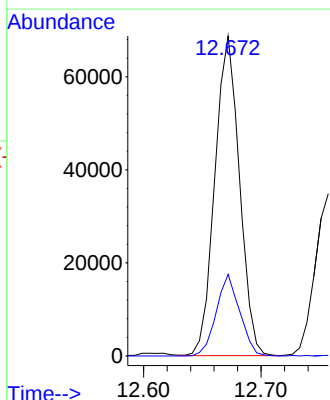
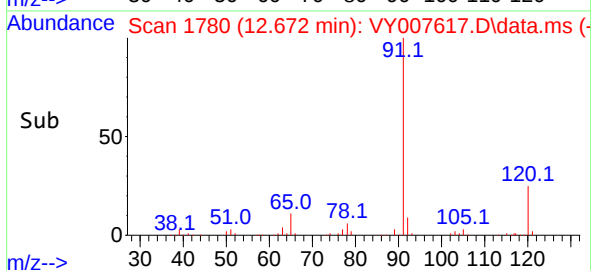
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022

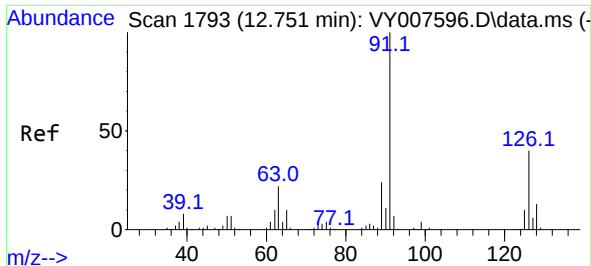


#78
n-propylbenzene
Concen: 20.054 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY007617.D
Acq: 24 Feb 2022 14:20



Tgt Ion: 91 Resp: 100048
Ion Ratio Lower Upper
91 100
120 24.3 11.3 33.9





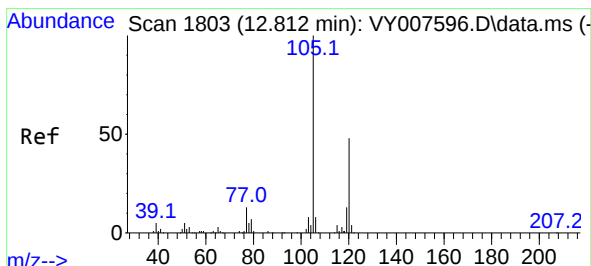
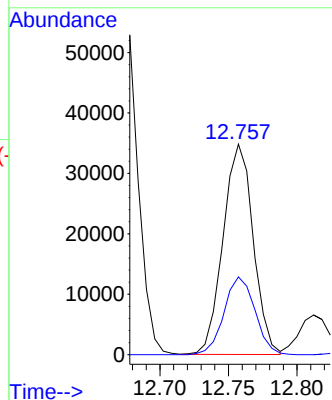
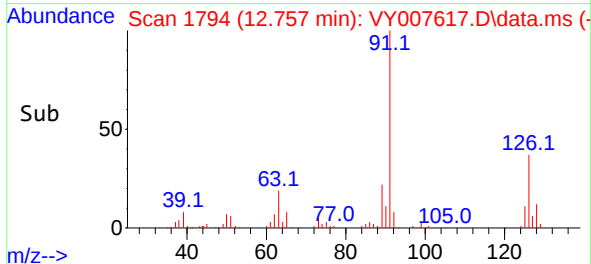
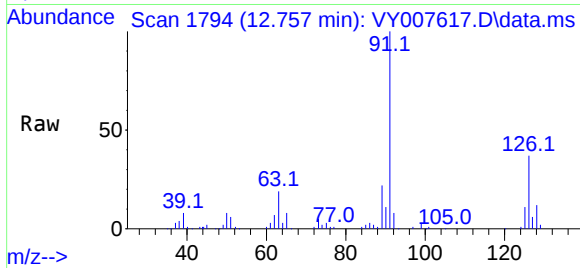
#79
2-Chlorotoluene
Concen: 19.183 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VY007617.D
Acq: 24 Feb 2022 14:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBS02

Tgt Ion: 91 Resp: 53278
Ion Ratio Lower Upper
91 100
126 37.9 16.9 50.6

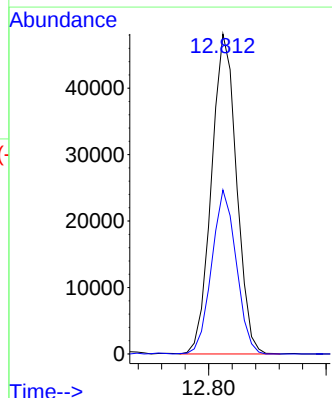
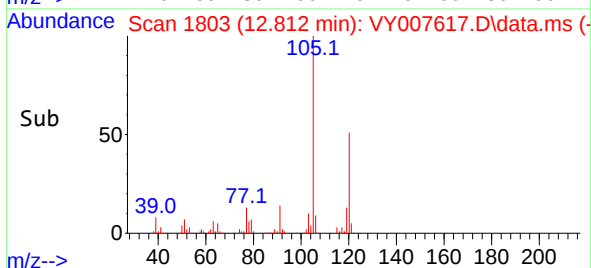
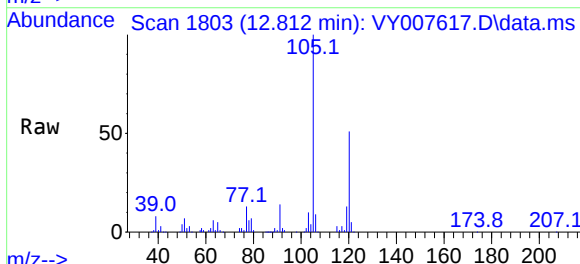
Manual Integrations
APPROVED

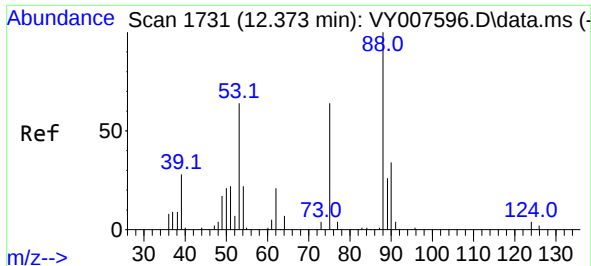
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022



#80
1,3,5-Trimethylbenzene
Concen: 19.391 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY007617.D
Acq: 24 Feb 2022 14:20

Tgt Ion:105 Resp: 71258
Ion Ratio Lower Upper
105 100
120 50.2 24.4 73.4





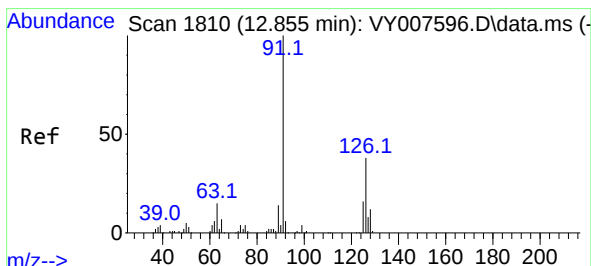
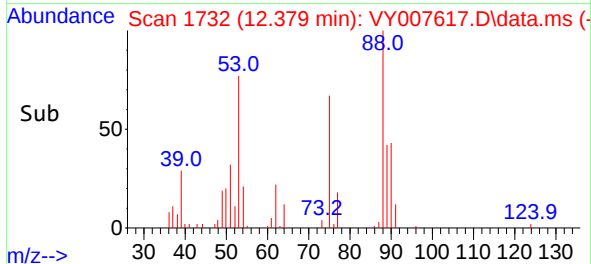
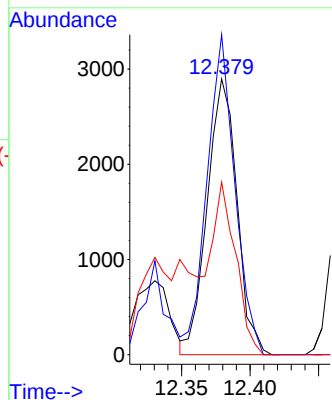
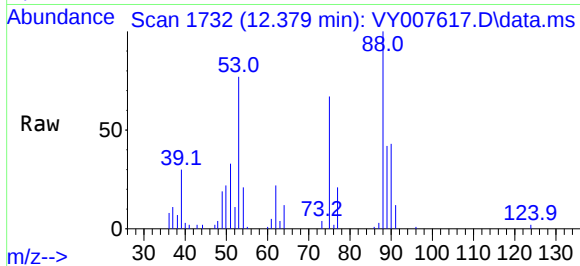
#81
trans-1,4-Dichloro-2-butene
Concen: 16.730 ug/l
RT: 12.379 min Scan# 1731
Delta R.T. 0.006 min
Lab File: VY007617.D
Acq: 24 Feb 2022 14:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBS02

Tgt Ion: 75 Resp: 4364
Ion Ratio Lower Upper
75 100
53 109.0 85.3 127.9
89 54.6 37.0 55.4

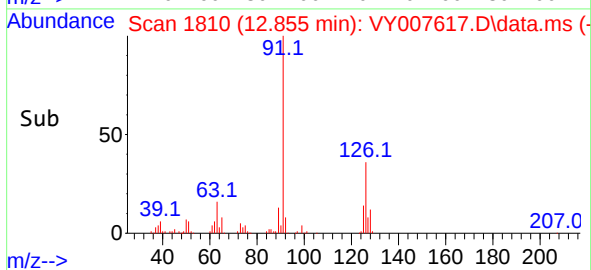
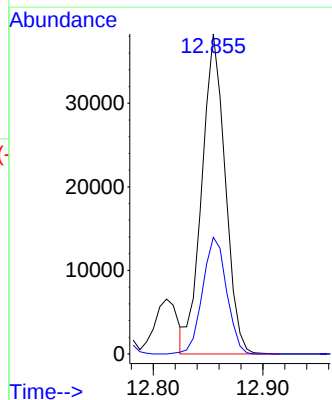
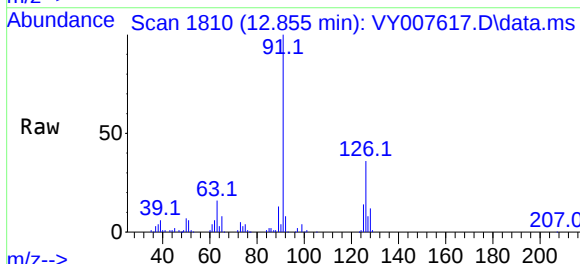
Manual Integrations
APPROVED

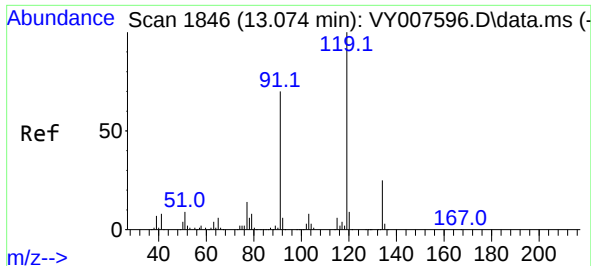
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022



#82
4-Chlorotoluene
Concen: 20.010 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY007617.D
Acq: 24 Feb 2022 14:20

Tgt Ion: 91 Resp: 56675
Ion Ratio Lower Upper
91 100
126 37.3 17.0 51.0





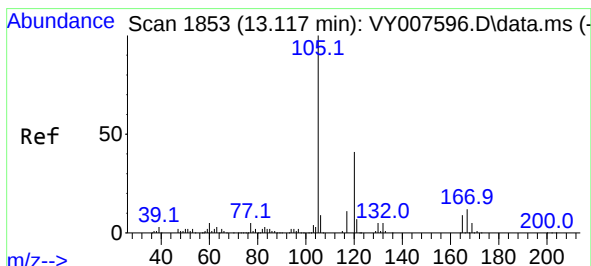
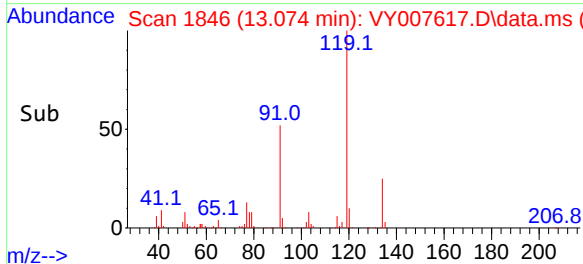
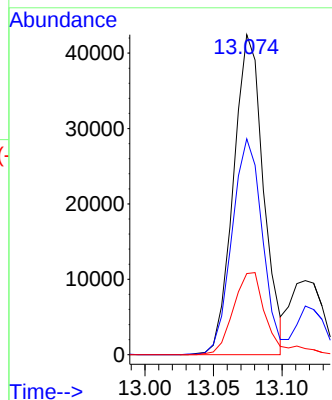
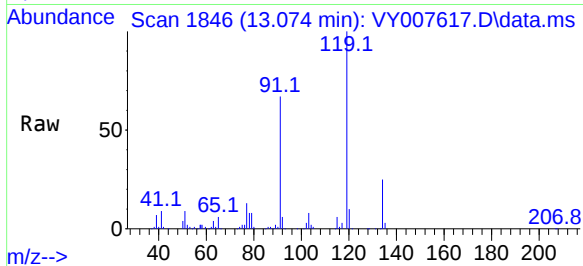
#83
tert-Butylbenzene
Concen: 19.675 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY007617.D
Acq: 24 Feb 2022 14:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBS02

Tgt Ion:119 Resp: 64609
Ion Ratio Lower Upper
119 100
91 69.5 34.8 104.4
134 28.7 13.3 39.9

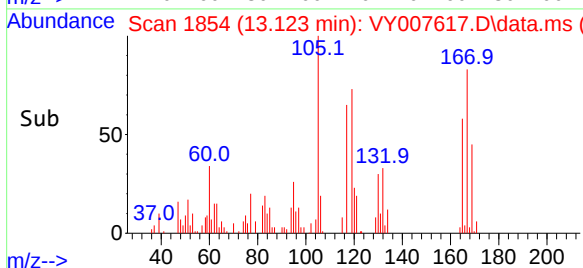
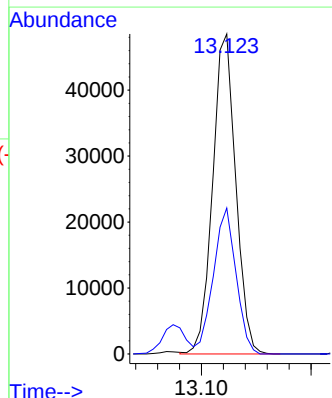
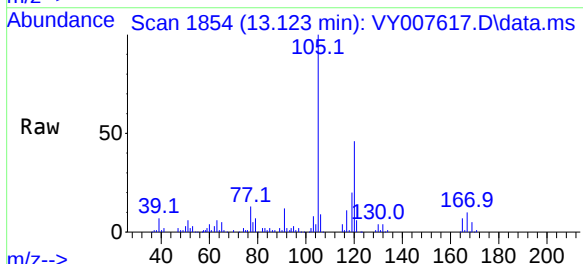
Manual Integrations
APPROVED

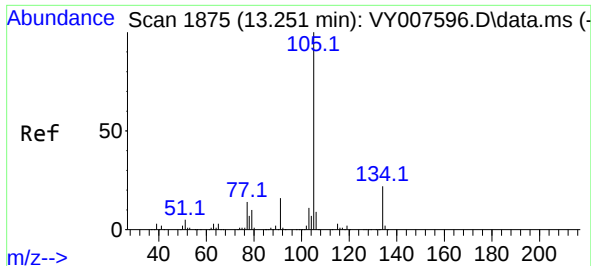
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022



#84
1,2,4-Trimethylbenzene
Concen: 19.708 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY007617.D
Acq: 24 Feb 2022 14:20

Tgt Ion:105 Resp: 70982
Ion Ratio Lower Upper
105 100
120 44.8 22.3 66.9





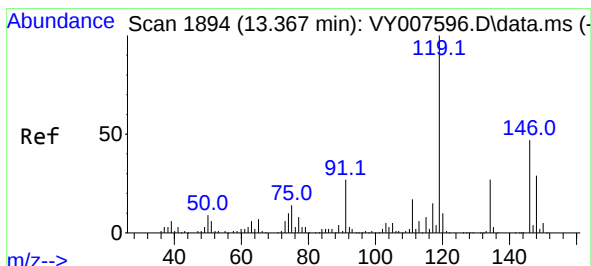
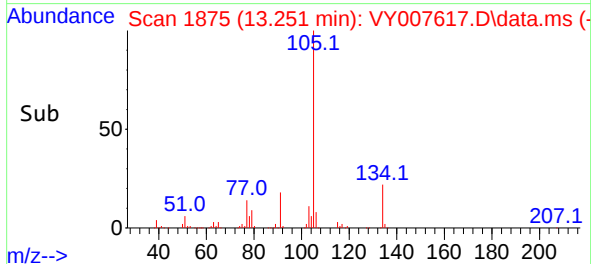
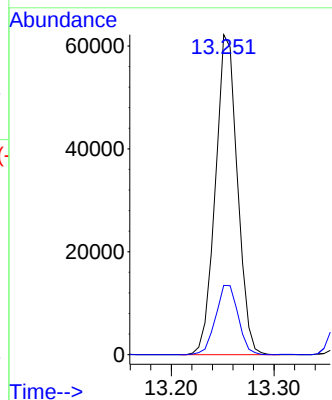
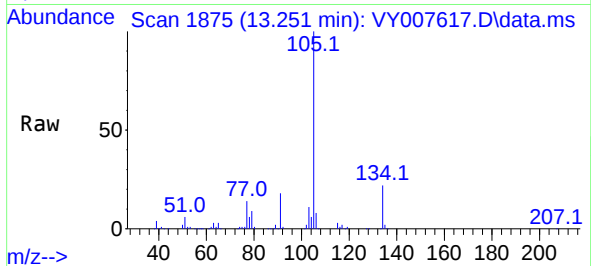
#85
 sec-Butylbenzene
 Concen: 19.859 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY007617.D
 Acq: 24 Feb 2022 14:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0224SBS02

Tgt Ion:105 Resp: 92152
 Ion Ratio Lower Upper
 105 100
 134 22.2 10.2 30.4

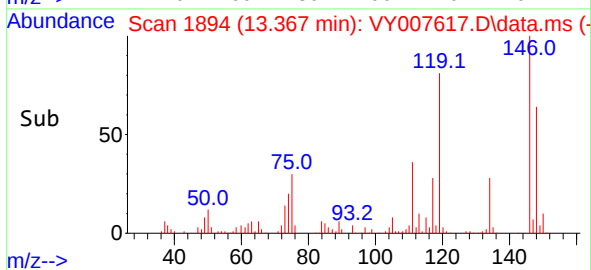
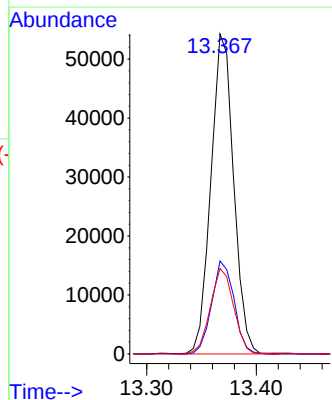
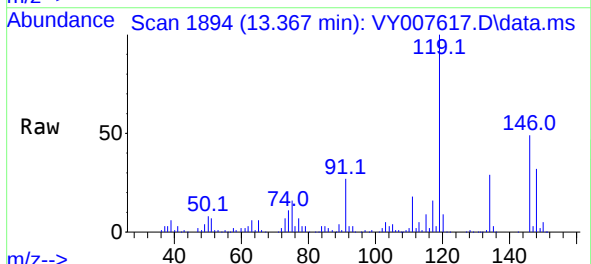
Manual Integrations
 APPROVED

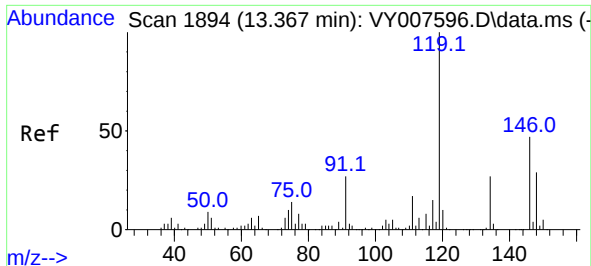
Reviewed By :John Carlone 02/25/2022
 Supervised By :Mahesh Dadoda 02/25/2022



#86
 p-Isopropyltoluene
 Concen: 19.581 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY007617.D
 Acq: 24 Feb 2022 14:20

Tgt Ion:119 Resp: 78083
 Ion Ratio Lower Upper
 119 100
 134 28.6 13.2 39.5
 91 27.3 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 19.344 ug/l

RT: 13.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY007617.D

Acq: 24 Feb 2022 14:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0224SBS02

Tgt Ion:146 Resp: 4046

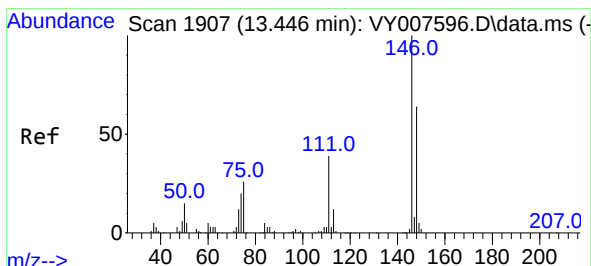
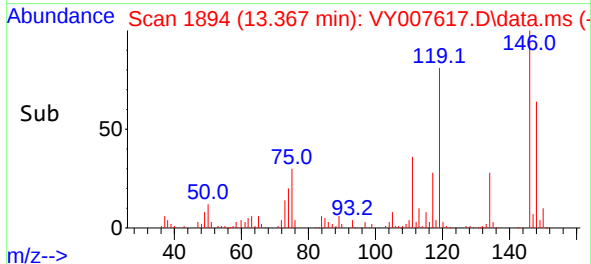
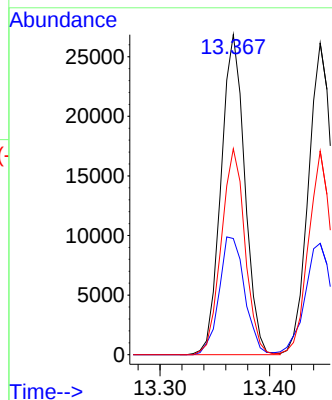
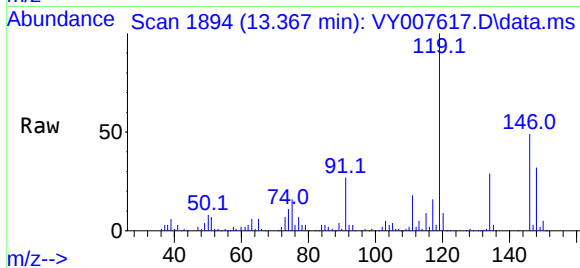
Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.5	58.5
148	64.2	31.6	95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/25/2022

Supervised By :Mahesh Dadoda 02/25/2022



#88

1,4-Dichlorobenzene

Concen: 19.426 ug/l

RT: 13.446 min Scan# 1907

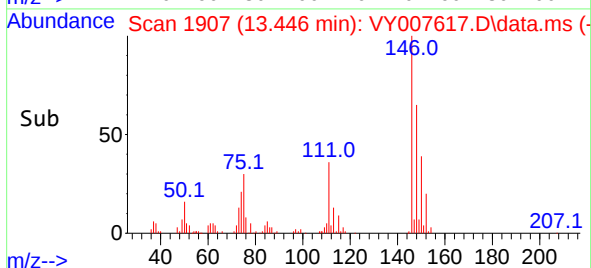
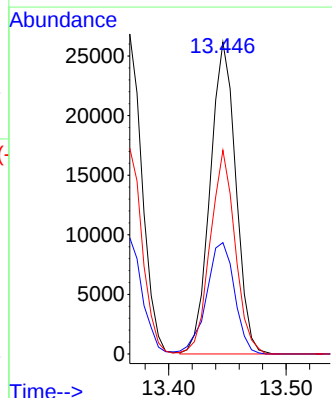
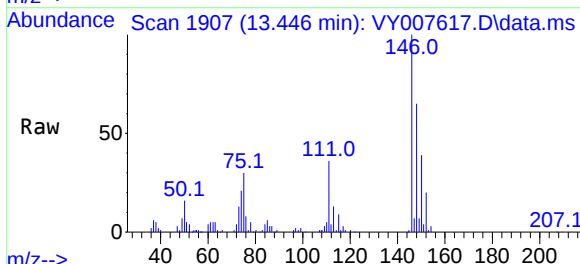
Delta R.T. 0.000 min

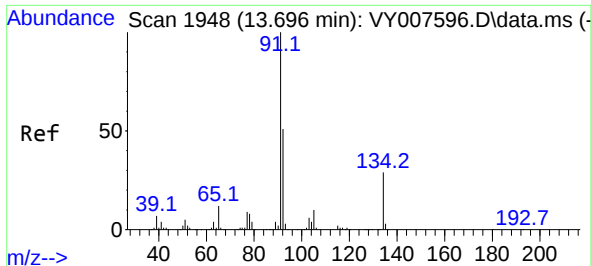
Lab File: VY007617.D

Acq: 24 Feb 2022 14:20

Tgt Ion:146 Resp: 39783

Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.3	57.8
148	63.5	32.6	97.8





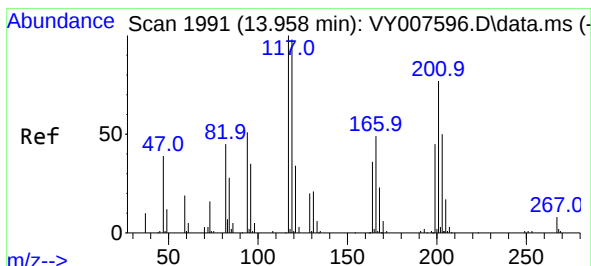
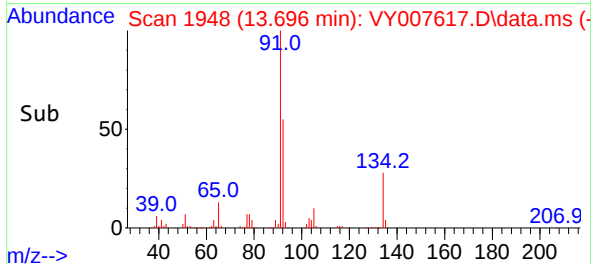
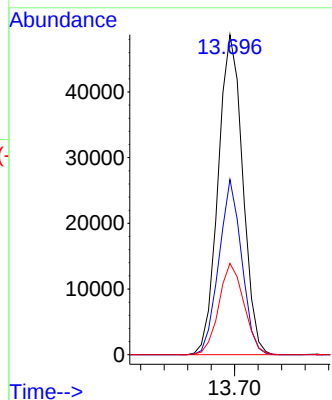
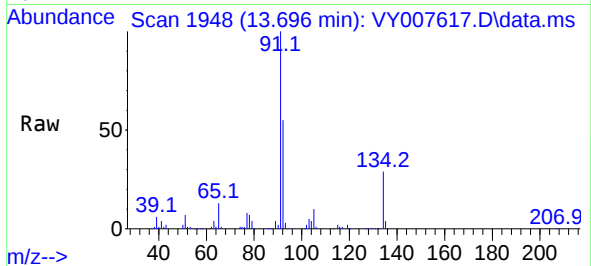
#89
n-Butylbenzene
Concen: 19.682 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY007617.D
Acq: 24 Feb 2022 14:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBS02

Tgt Ion: 91 Resp: 7066
Ion Ratio Lower Upper
91 100
92 50.8 26.3 78.9
134 29.3 13.0 38.9

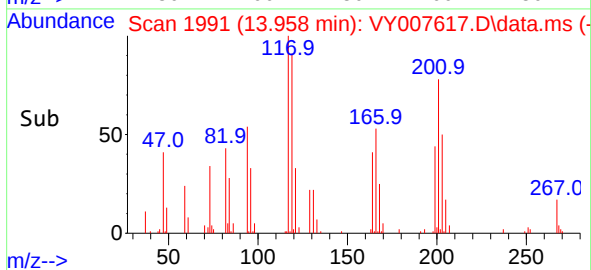
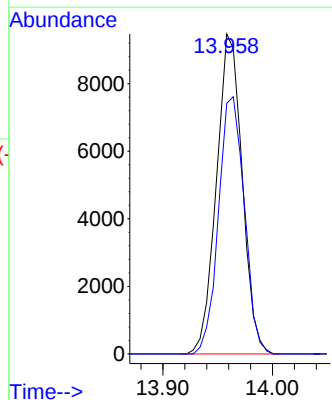
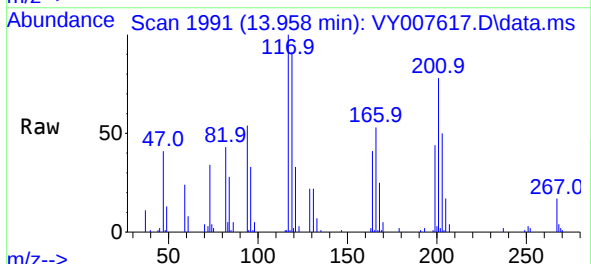
Manual Integrations
APPROVED

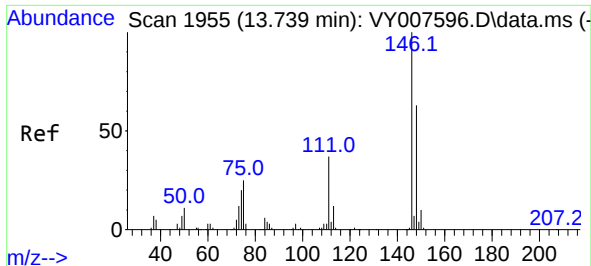
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022



#90
Hexachloroethane
Concen: 19.198 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY007617.D
Acq: 24 Feb 2022 14:20

Tgt Ion:117 Resp: 15431
Ion Ratio Lower Upper
117 100
201 80.7 43.0 128.8





#91
1,2-Dichlorobenzene
Concen: 18.648 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY007617.D
Acq: 24 Feb 2022 14:20

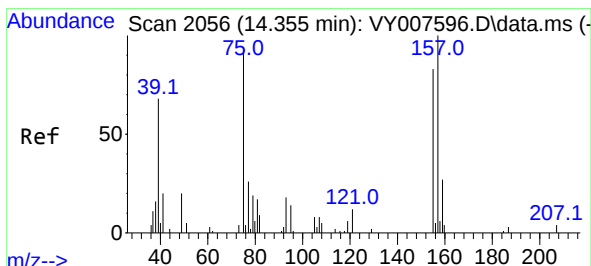
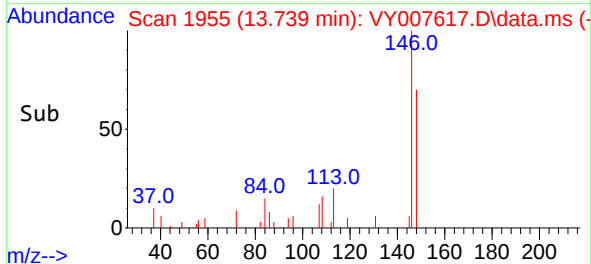
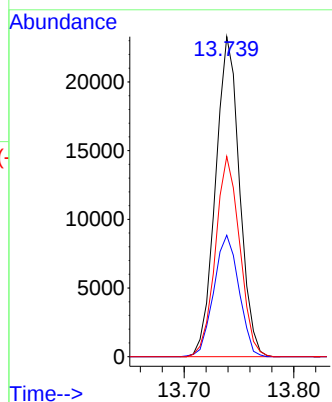
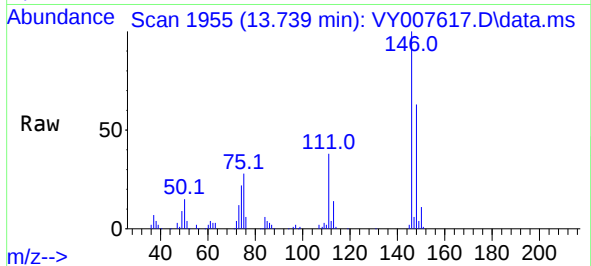
Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBS02

Tgt Ion:146 Resp: 3543

Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.3	60.9
148	63.3	32.3	96.9

Manual Integrations
APPROVED

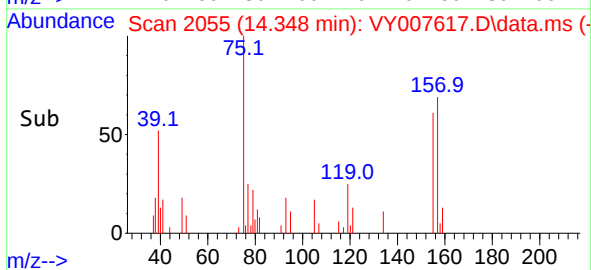
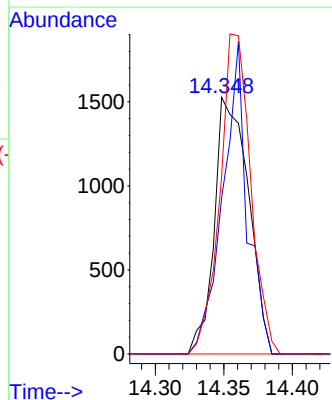
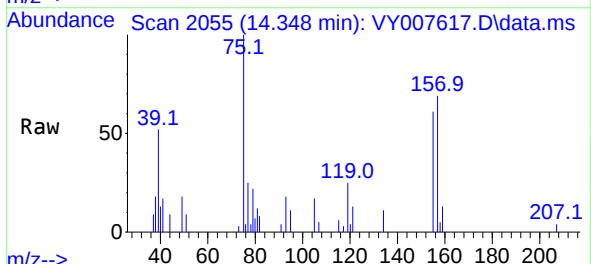
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022

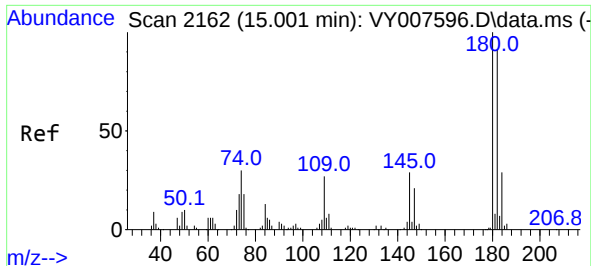


#92
1,2-Dibromo-3-Chloropropane
Concen: 16.733 ug/l
RT: 14.348 min Scan# 2055
Delta R.T. -0.007 min
Lab File: VY007617.D
Acq: 24 Feb 2022 14:20

Tgt Ion: 75 Resp: 2636

Ion	Ratio	Lower	Upper
75	100		
155	87.8	38.0	113.9
157	112.4	47.8	143.3





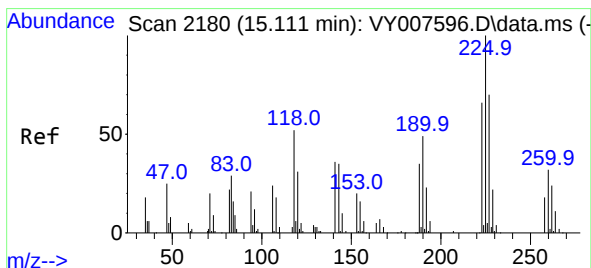
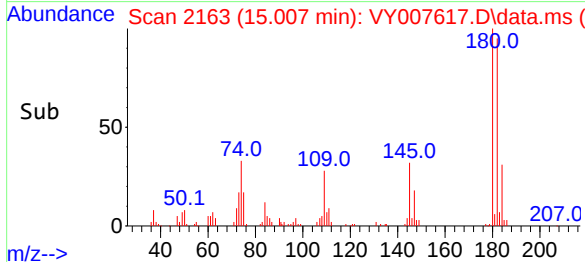
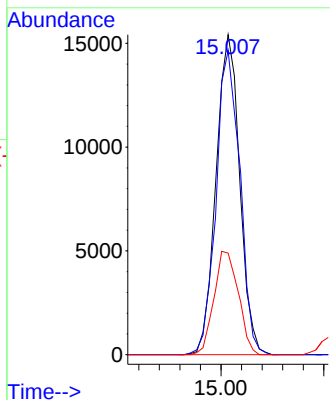
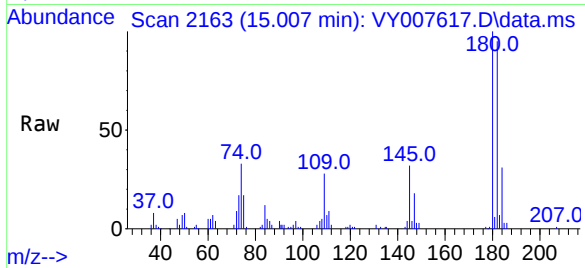
#93
1,2,4-Trichlorobenzene
Concen: 18.543 ug/l
RT: 15.007 min Scan# 2162
Delta R.T. 0.006 min
Lab File: VY007617.D
Acq: 24 Feb 2022 14:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBS02

Tgt Ion:180 Resp: 24569
Ion Ratio Lower Upper
180 100
182 95.6 47.3 141.9
145 33.4 14.6 43.8

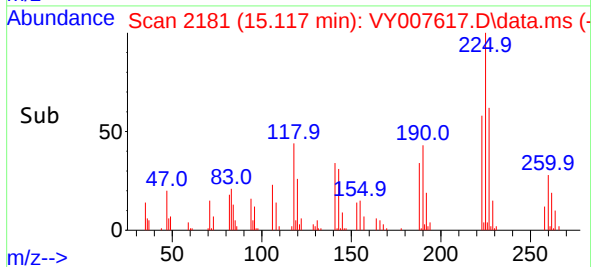
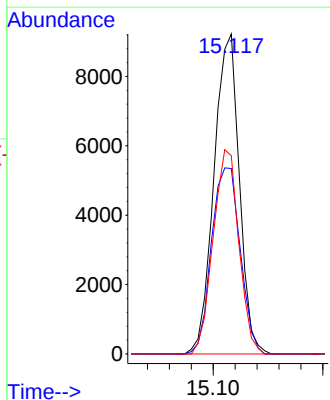
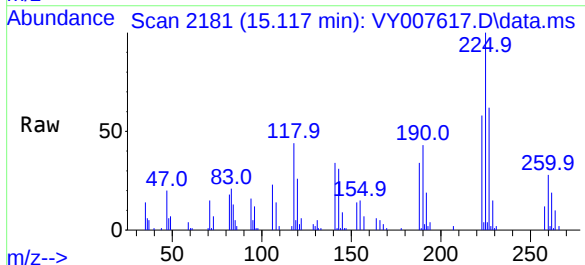
Manual Integrations
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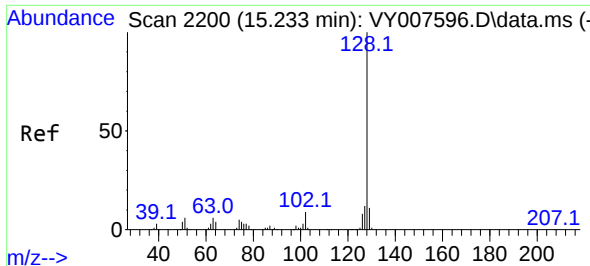
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022



#94
Hexachlorobutadiene
Concen: 20.102 ug/l
RT: 15.117 min Scan# 2181
Delta R.T. 0.006 min
Lab File: VY007617.D
Acq: 24 Feb 2022 14:20

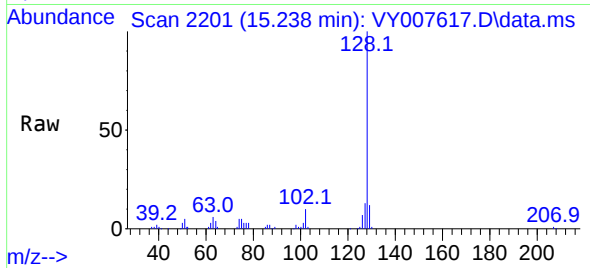
Tgt Ion:225 Resp: 14778
Ion Ratio Lower Upper
225 100
223 66.0 30.8 92.3
227 64.8 31.6 94.7





#95
Naphthalene
Concen: 16.643 ug/l
RT: 15.238 min Scan# 21
Delta R.T. 0.005 min
Lab File: VY007617.D
Acq: 24 Feb 2022 14:20

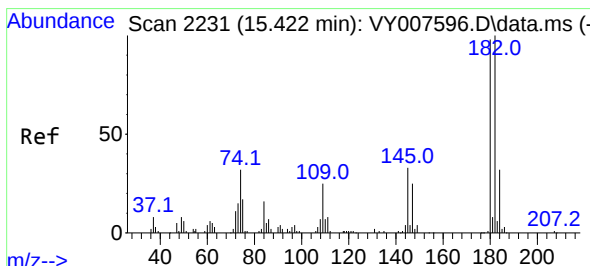
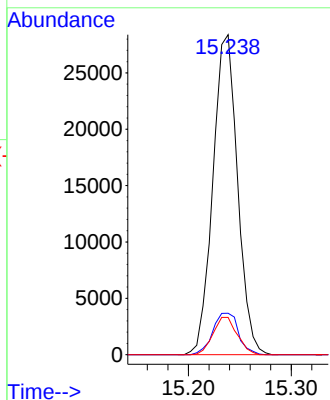
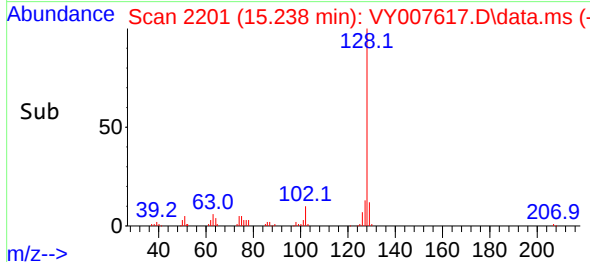
Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBS02



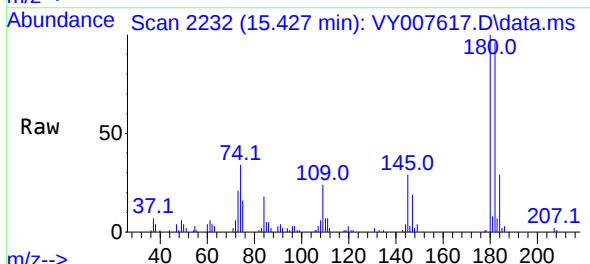
Tgt Ion:128 Resp: 47330
Ion Ratio Lower Upper
128 100
127 13.5 11.0 16.4
129 11.4 8.4 12.6

Manual Integrations
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Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022



#96
1,2,3-Trichlorobenzene
Concen: 18.728 ug/l
RT: 15.427 min Scan# 2232
Delta R.T. 0.005 min
Lab File: VY007617.D
Acq: 24 Feb 2022 14:20



Tgt Ion:180 Resp: 21438
Ion Ratio Lower Upper
180 100
182 90.4 47.3 141.9
145 32.1 15.3 45.9

