

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022322\
 Data File : VY007595.D
 Acq On : 23 Feb 2022 13:21
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/24/2022
 Supervised By : Mahesh Dadoda 02/24/2022

Quant Time: Feb 23 15:10:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 15:09:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	78790	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	124057	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	116749	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	55708	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	18710	22.993	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	45.980%#		
35) Dibromofluoromethane	7.716	113	17922	23.157	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	46.320%#		
50) Toluene-d8	10.179	98	62536	23.223	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	46.440%#		
62) 4-Bromofluorobenzene	12.477	95	21862	22.586	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	45.180%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	21220	21.248	ug/l	100
3) Chloromethane	2.113	50	21268	23.902	ug/l	98
4) Vinyl Chloride	2.253	62	24339	25.785	ug/l	99
5) Bromomethane	2.644	94	16276	22.974	ug/l	99
6) Chloroethane	2.796	64	15279	25.587	ug/l	98
7) Trichlorofluoromethane	3.125	101	45014	22.071	ug/l	87
8) Diethyl Ether	3.521	74	11750	23.507	ug/l	61
9) 1,1,2-Trichlorotrifluo...	3.899	101	19778	20.985	ug/l	94
10) Methyl Iodide	4.088	142	24650	22.172	ug/l	99
11) Tert butyl alcohol	4.948	59	8791	116.595	ug/l	98
12) 1,1-Dichloroethene	3.875	96	19428	22.874	ug/l #	71
13) Acrolein	3.735	56	12317	181.040	ug/l	97
14) Allyl chloride	4.472	41	17330	20.182	ug/l #	59
15) Acrylonitrile	5.161	53	19861	109.535	ug/l	99
16) Acetone	3.948	43	19555	101.717	ug/l	98
17) Carbon Disulfide	4.186	76	48088	21.973	ug/l	98
18) Methyl Acetate	4.479	43	9027	21.353	ug/l #	70
19) Methyl tert-butyl Ether	5.216	73	49269	21.508	ug/l #	89
20) Methylene Chloride	4.716	84	22775	23.631	ug/l #	76
21) trans-1,2-Dichloroethene	5.222	96	19075	22.303	ug/l #	69
22) Diisopropyl ether	6.118	45	37690	21.751	ug/l #	84
23) Vinyl Acetate	6.058	43	130492	109.779	ug/l #	80
24) 1,1-Dichloroethane	6.015	63	28596	21.692	ug/l	97
25) 2-Butanone	6.984	43	23473	110.137	ug/l #	74
26) 2,2-Dichloropropane	6.978	77	30661	20.803	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	22030	22.673	ug/l	78
28) Bromochloromethane	7.332	49	8946	20.517	ug/l #	26
29) Tetrahydrofuran	7.350	42	13464	108.886	ug/l #	50
30) Chloroform	7.508	83	35319	21.683	ug/l	98
31) Cyclohexane	7.783	56	22770	19.725	ug/l #	60
32) 1,1,1-Trichloroethane	7.704	97	35419	21.405	ug/l	95
36) 1,1-Dichloropropene	7.917	75	23637	20.393	ug/l	94
37) Ethyl Acetate	7.076	43	9645	20.403	ug/l #	84
38) Carbon Tetrachloride	7.899	117	33095	20.665	ug/l	93
39) Methylcyclohexane	9.179	83	30462	20.756	ug/l #	83
40) Benzene	8.161	78	67282	21.451	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	5388	21.514	ug/l #	1
42) 1,2-Dichloroethane	8.234	62	24275	22.214	ug/l	92
43) Isopropyl Acetate	8.271	43	21137	21.797	ug/l #	86
44) Trichloroethene	8.941	130	22071	20.961	ug/l	92
45) 1,2-Dichloropropane	9.215	63	14327	20.641	ug/l	98
46) Dibromomethane	9.307	93	12173	22.418	ug/l	99
47) Bromodichloromethane	9.496	83	27387	21.488	ug/l #	94
48) Methyl methacrylate	9.289	41	8779	21.265	ug/l #	52
49) 1,4-Dioxane	9.295	88	2824	452.820	ug/l #	76
51) 4-Methyl-2-Pentanone	10.069	43	51657	107.004	ug/l #	85
52) Toluene	10.240	92	44666	20.792	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	27822	21.640	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	29386	21.632	ug/l	90
55) 1,1,2-Trichloroethane	10.642	97	15895	22.808	ug/l	97
56) Ethyl methacrylate	10.508	69	18360	21.627	ug/l #	80
57) 1,3-Dichloropropane	10.788	76	23972	21.567	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	43283	105.823	ug/l #	76
59) 2-Hexanone	10.831	43	36747	105.217	ug/l	85
60) Dibromochloromethane	10.983	129	21694	22.704	ug/l	100
61) 1,2-Dibromoethane	11.087	107	16059	22.663	ug/l	96
64) Tetrachloroethene	10.715	164	21193	21.584	ug/l	95
65) Chlorobenzene	11.514	112	52293	21.030	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	20727	20.919	ug/l	99
67) Ethyl Benzene	11.593	91	88242	20.253	ug/l	96
68) m/p-Xylenes	11.697	106	68607	40.891	ug/l	95
69) o-Xylene	12.026	106	33693	20.861	ug/l	95
70) Styrene	12.044	104	57320	21.311	ug/l	98
71) Bromoform	12.203	173	13035	20.866	ug/l #	98
73) Isopropylbenzene	12.325	105	90432	20.473	ug/l	99
74) N-amyl acetate	12.142	43	17106	20.509	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.581	83	16240	21.703	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	10975m	17.613	ug/l	
77) Bromobenzene	12.605	156	23505	22.245	ug/l	80
78) n-propylbenzene	12.666	91	105879	20.556	ug/l	95
79) 2-Chlorotoluene	12.751	91	57240	19.976	ug/l	92
80) 1,3,5-Trimethylbenzene	12.806	105	75491	20.347	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	4944	19.006	ug/l #	89
82) 4-Chlorotoluene	12.855	91	58132	19.883	ug/l	94
83) tert-Butylbenzene	13.075	119	68136	20.509	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	72874	20.026	ug/l	97
85) sec-Butylbenzene	13.251	105	95095	19.891	ug/l	97
86) p-Isopropyltoluene	13.367	119	82588	20.281	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	43669	21.705	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	42516	21.489	ug/l	99
89) n-Butylbenzene	13.690	91	73742	19.951	ug/l	95
90) Hexachloroethane	13.959	117	16461	20.325	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	38903	21.710	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3140	21.450	ug/l	76
93) 1,2,4-Trichlorobenzene	15.001	180	27286	22.369	ug/l	99
94) Hexachlorobutadiene	15.111	225	15854	21.820	ug/l	99
95) Naphthalene	15.233	128	58255	23.242	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	23880	22.676	ug/l	97

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Quant Title : SW846 8260
QLast Update : Wed Feb 23 15:09:12 2022
Response via : Initial Calibration

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

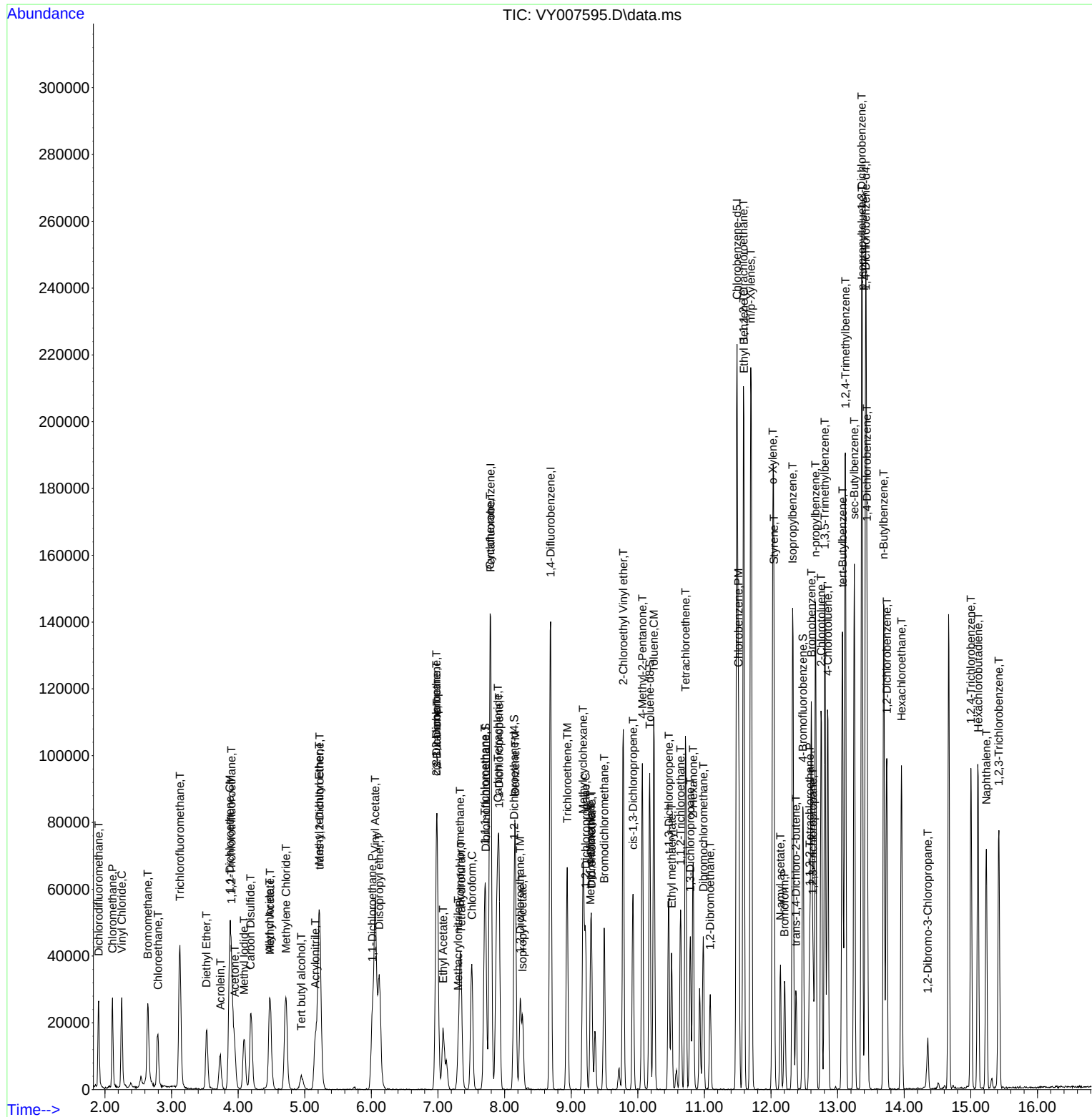
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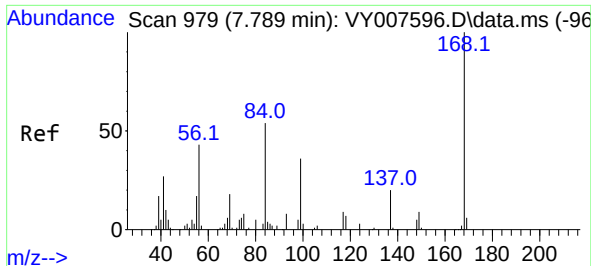
Instrument :
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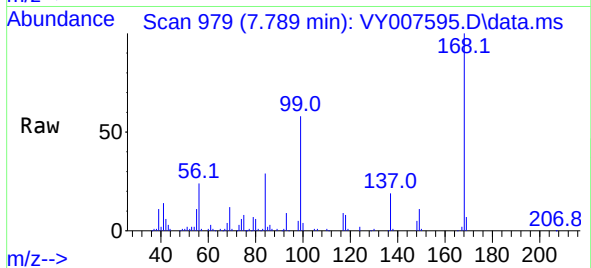
Reviewed By : John Carlone 02/24/2022
 Supervised By : Mahesh Dadoda 02/24/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007595.D
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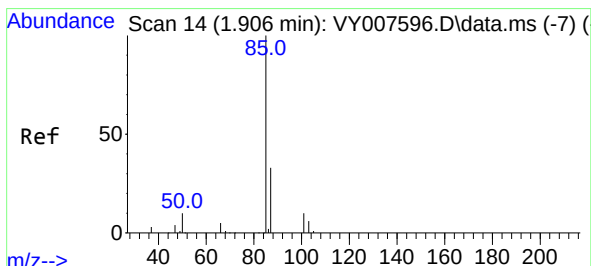
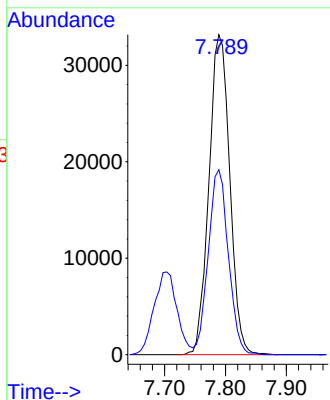
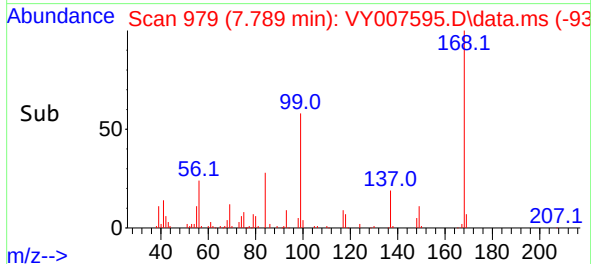
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion:168 Resp: 78790
Ion Ratio Lower Upper
168 100
99 57.8 46.9 70.3

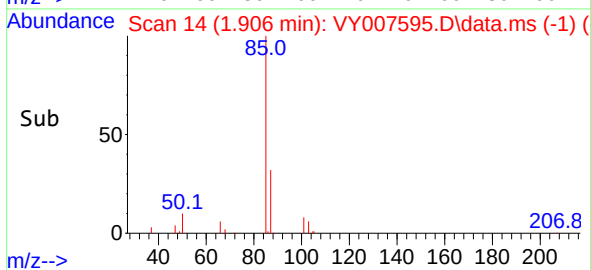
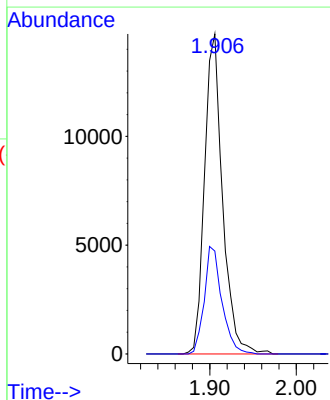
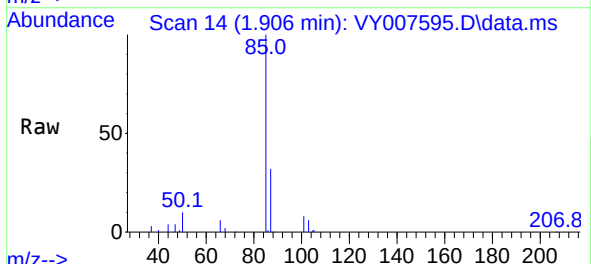
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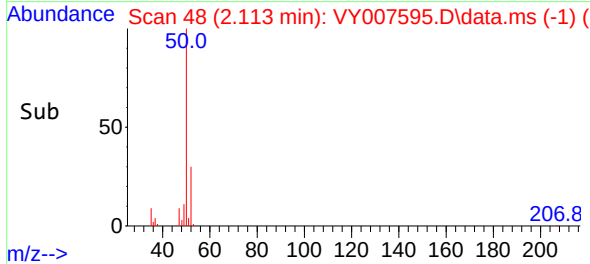
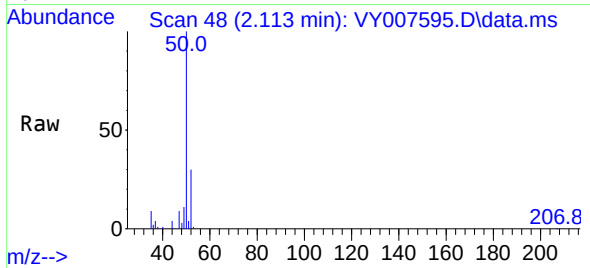
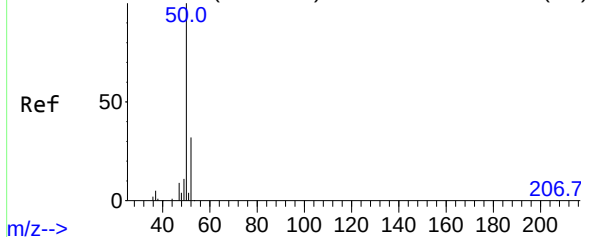


#2
Dichlorodifluoromethane
Concen: 21.248 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY007595.D
Acq: 23 Feb 2022 13:21

Tgt Ion: 85 Resp: 21220
Ion Ratio Lower Upper
85 100
87 32.1 16.1 48.2



Abundance Scan 48 (2.113 min): VY007596.D\data.ms (-42)



#3

Chloromethane

Concen: 23.902 ug/l

RT: 2.113 min Scan# 48

Delta R.T. 0.000 min

Lab File: VY007595.D

Acq: 23 Feb 2022 13:21

Tgt Ion: 50 Resp: 21268

Ion Ratio Lower Upper

50 100

52 29.6 24.6 37.0

Instrument :

MSVOA_Y

ClientSampleId :

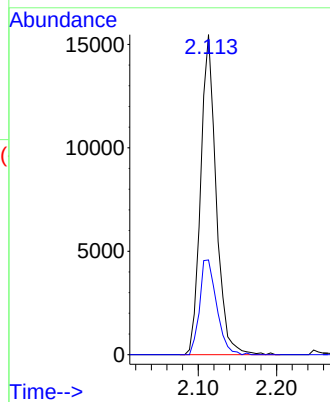
VSTDICC020

Manual Integrations

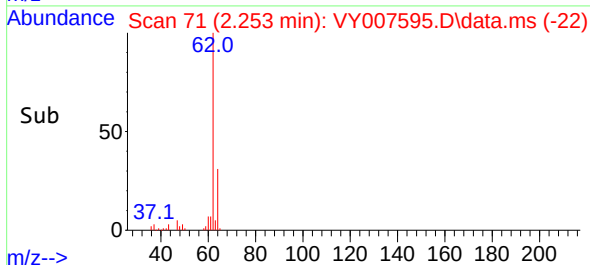
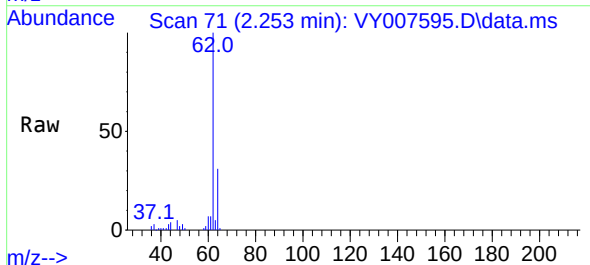
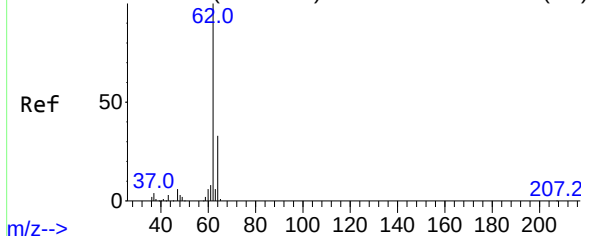
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Reviewed By :John Carlone 02/24/2022

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Abundance Scan 71 (2.253 min): VY007596.D\data.ms (-64)



#4

Vinyl Chloride

Concen: 25.785 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.000 min

Lab File: VY007595.D

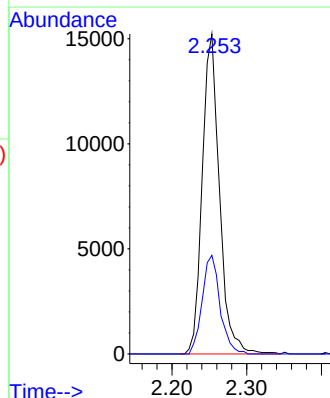
Acq: 23 Feb 2022 13:21

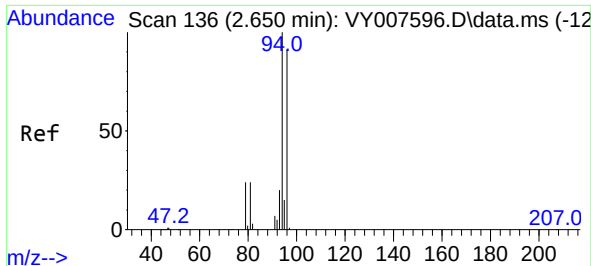
Tgt Ion: 62 Resp: 24339

Ion Ratio Lower Upper

62 100

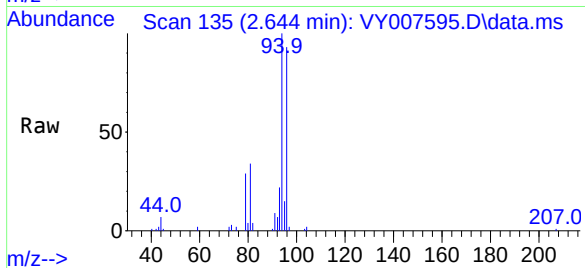
64 30.8 25.0 37.6





#5
Bromomethane
Concen: 22.974 ug/l
RT: 2.644 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007595.D
Acq: 23 Feb 2022 13:21

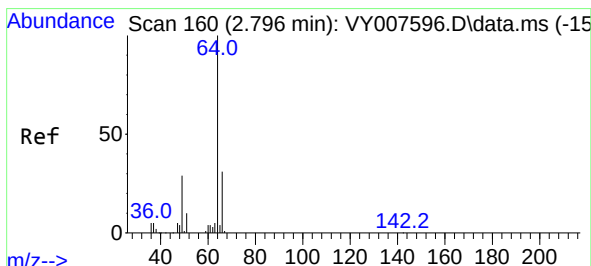
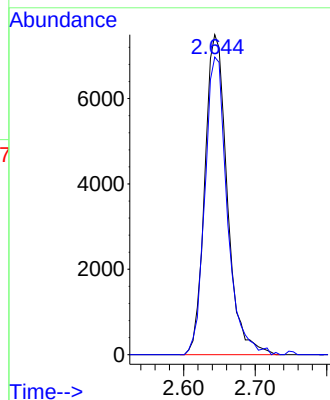
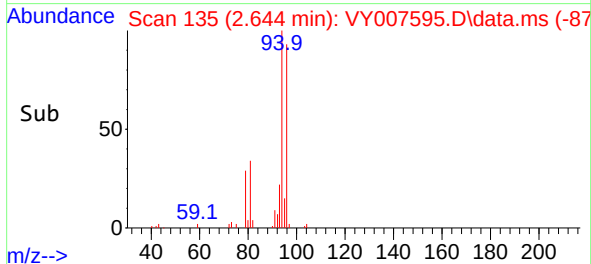
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Tgt Ion: 94 Resp: 16270
Ion Ratio Lower Upper
94 100
96 93.0 73.5 110.3

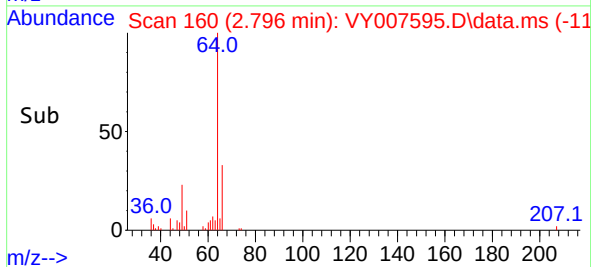
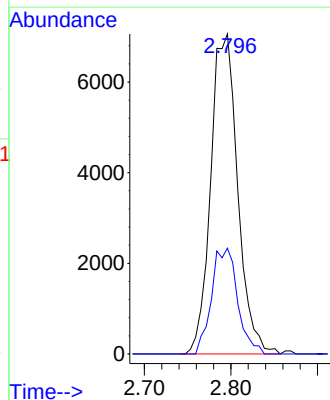
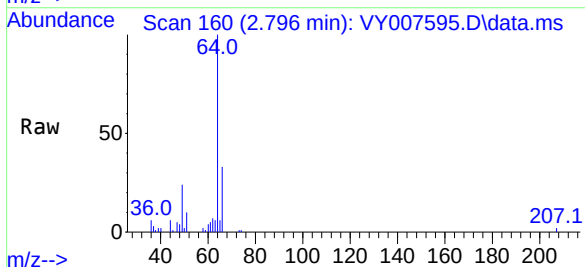
Manual Integrations
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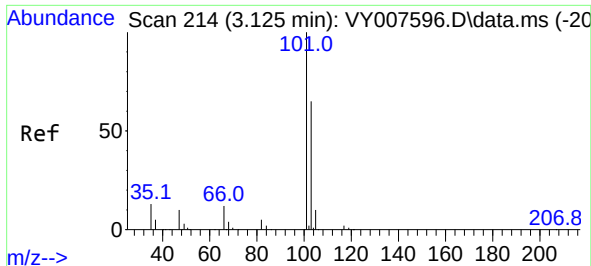
Reviewed By :John Carlone 02/24/2022
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#6
Chloroethane
Concen: 25.587 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.000 min
Lab File: VY007595.D
Acq: 23 Feb 2022 13:21

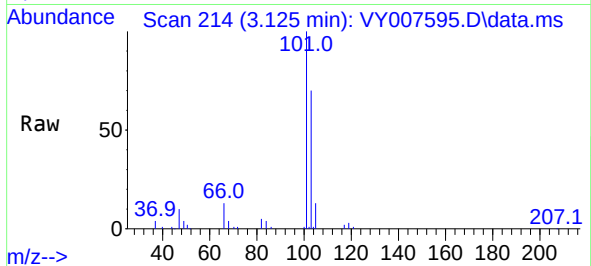
Tgt Ion: 64 Resp: 15279
Ion Ratio Lower Upper
64 100
66 33.0 25.4 38.0





#7
 Trichlorofluoromethane
 Concen: 22.071 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY007595.D
 Acq: 23 Feb 2022 13:21

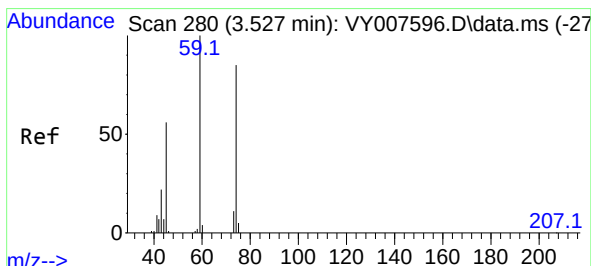
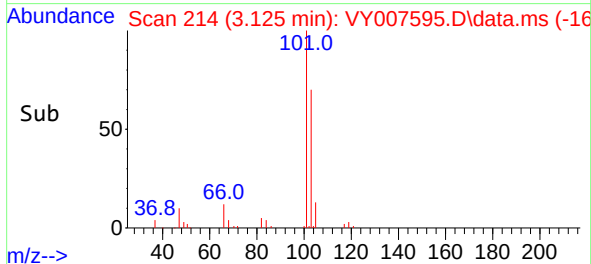
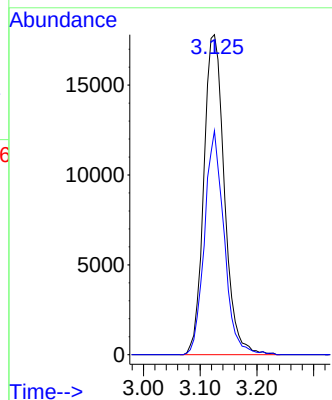
Instrument :
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Tgt Ion:101 Resp: 45014
 Ion Ratio Lower Upper
 101 100
 103 69.9 48.0 72.0

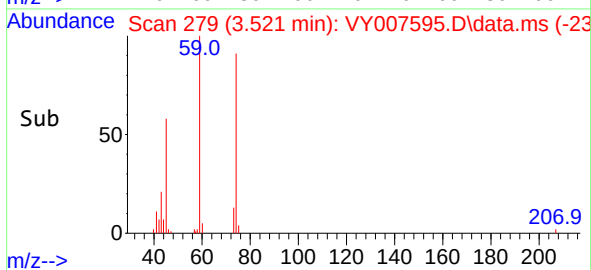
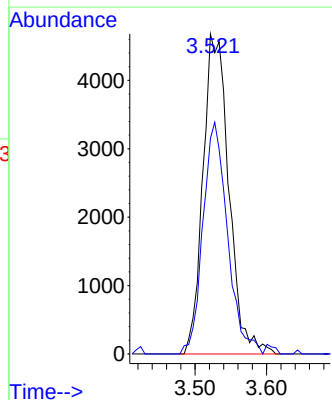
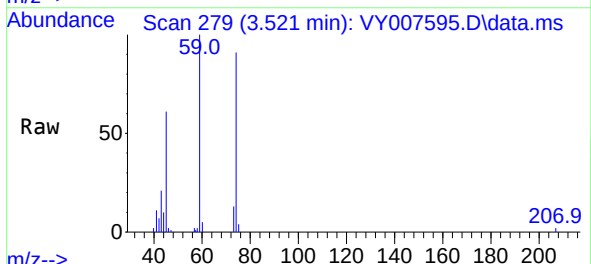
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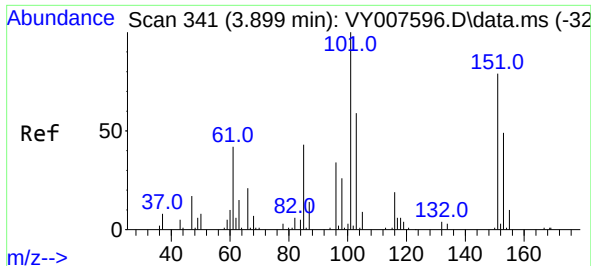
Reviewed By :John Carlone 02/24/2022
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#8
 Diethyl Ether
 Concen: 23.507 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. -0.006 min
 Lab File: VY007595.D
 Acq: 23 Feb 2022 13:21

Tgt Ion: 74 Resp: 11750
 Ion Ratio Lower Upper
 74 100
 45 68.9 55.1 165.5





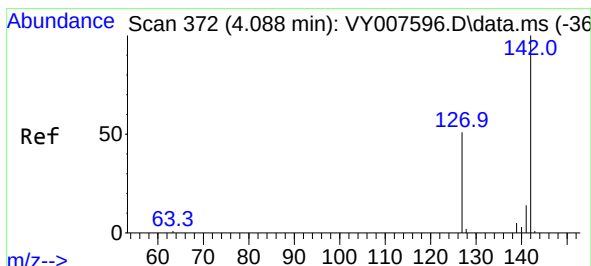
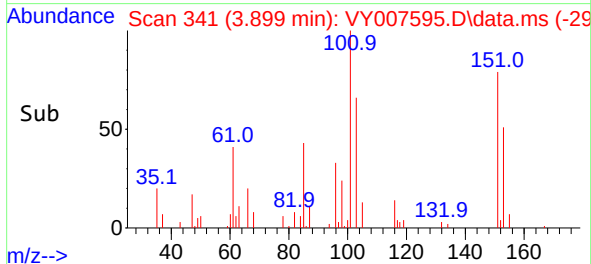
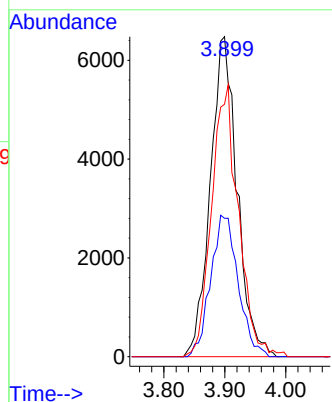
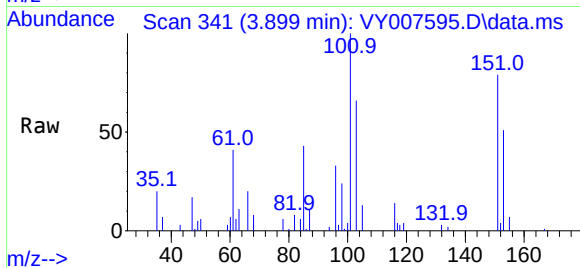
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.985 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY007595.D
Acq: 23 Feb 2022 13:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 19778
Ion Ratio Lower Upper
101 100
85 45.5 40.6 60.8
151 85.0 64.9 97.3

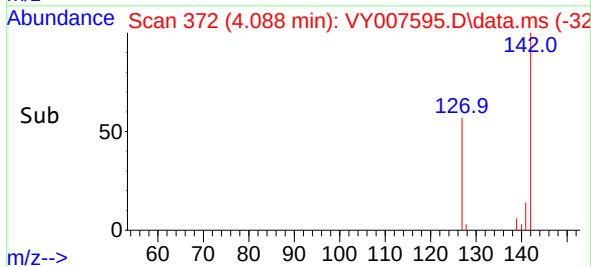
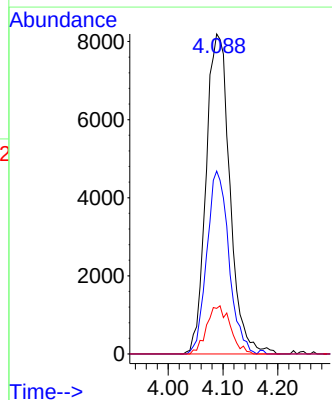
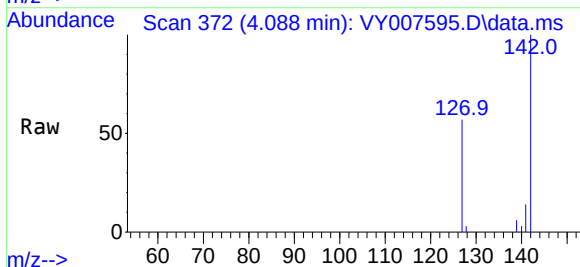
Manual Integrations
APPROVED

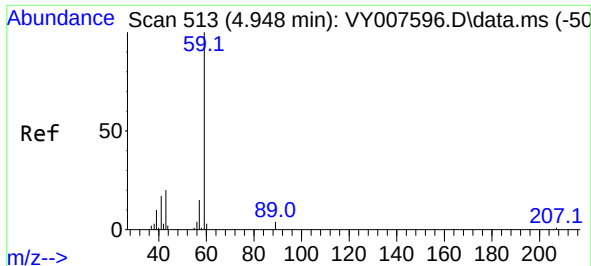
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#10
Methyl Iodide
Concen: 22.172 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY007595.D
Acq: 23 Feb 2022 13:21

Tgt Ion:142 Resp: 24650
Ion Ratio Lower Upper
142 100
127 53.0 41.5 62.3
141 14.9 11.9 17.9





#11

Tert butyl alcohol

Concen: 116.595 ug/l

RT: 4.948 min Scan# 513

Delta R.T. 0.000 min

Lab File: VY007595.D

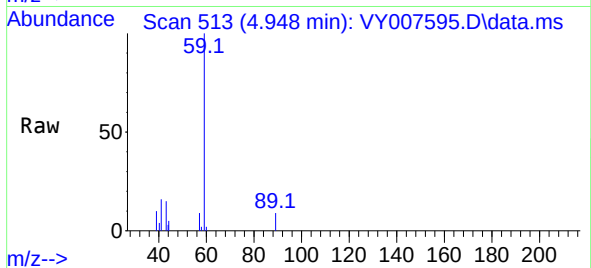
Acq: 23 Feb 2022 13:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020



Tgt Ion: 59 Resp: 879

Ion Ratio Lower Upper

59 100

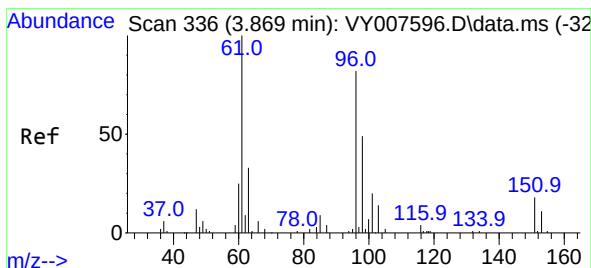
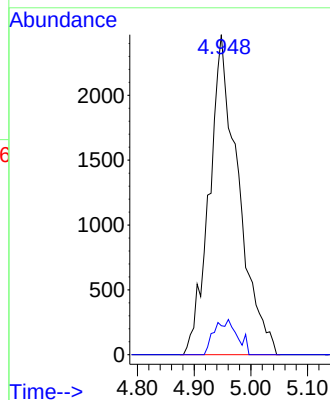
57 8.7 6.4 9.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#12

1,1-Dichloroethene

Concen: 22.874 ug/l

RT: 3.875 min Scan# 337

Delta R.T. 0.006 min

Lab File: VY007595.D

Acq: 23 Feb 2022 13:21

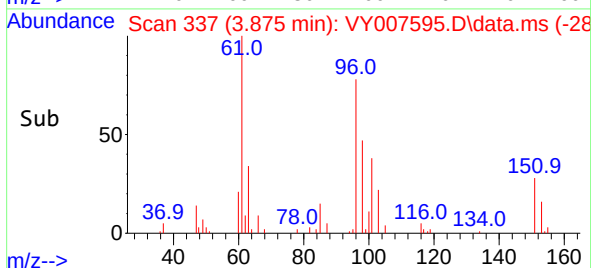
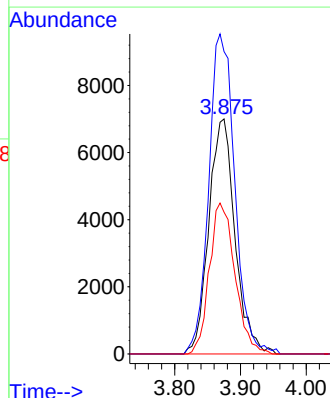
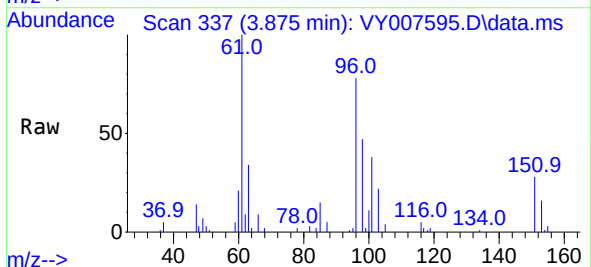
Tgt Ion: 96 Resp: 19428

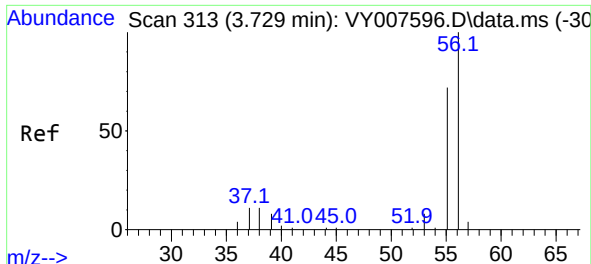
Ion Ratio Lower Upper

96 100

61 128.7 145.8 218.6

98 60.3 52.5 78.7





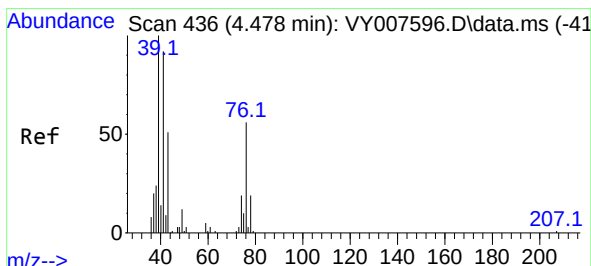
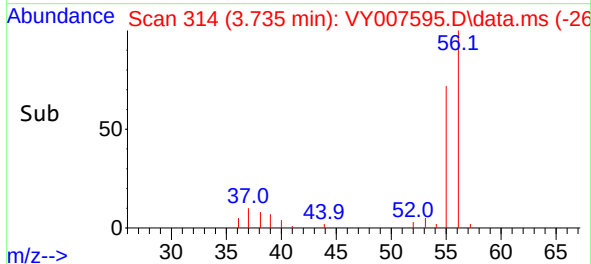
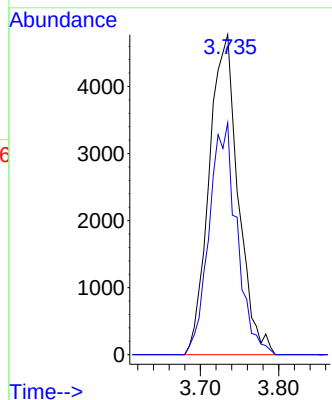
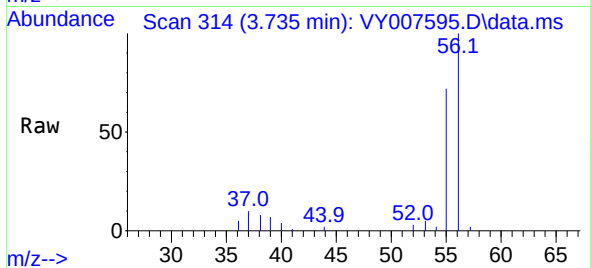
#13
Acrolein
Concen: 181.040 ug/l
RT: 3.735 min Scan# 313
Delta R.T. 0.006 min
Lab File: VY007595.D
Acq: 23 Feb 2022 13:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 56 Resp: 12317
Ion Ratio Lower Upper
56 100
55 69.2 57.6 86.4

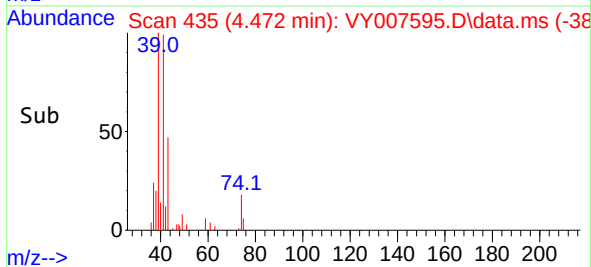
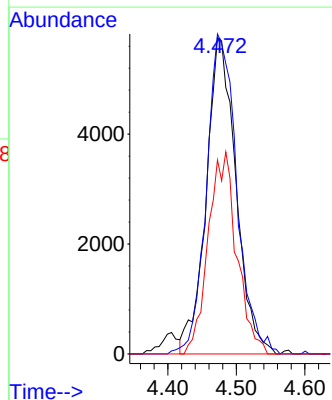
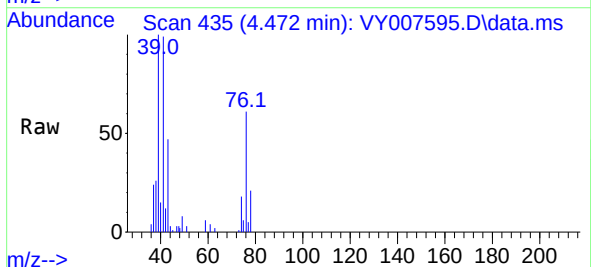
Manual Integrations
APPROVED

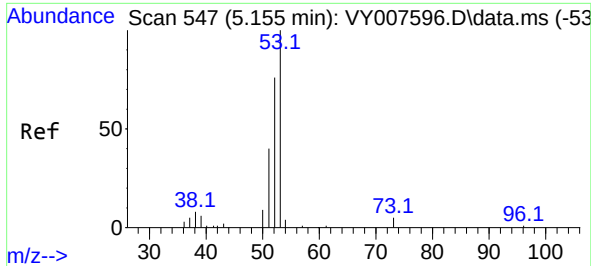
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#14
Allyl chloride
Concen: 20.182 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY007595.D
Acq: 23 Feb 2022 13:21

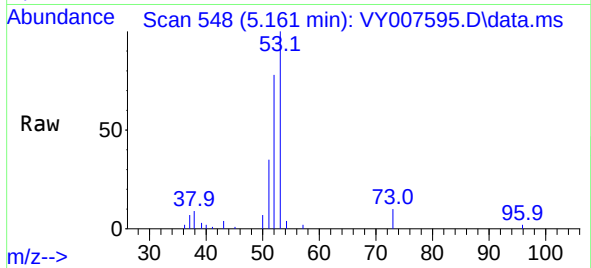
Tgt Ion: 41 Resp: 17330
Ion Ratio Lower Upper
41 100
39 103.2 58.8 88.2#
76 61.2 25.1 37.7#





#15
Acrylonitrile
Concen: 109.535 ug/l
RT: 5.161 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY007595.D
Acq: 23 Feb 2022 13:21

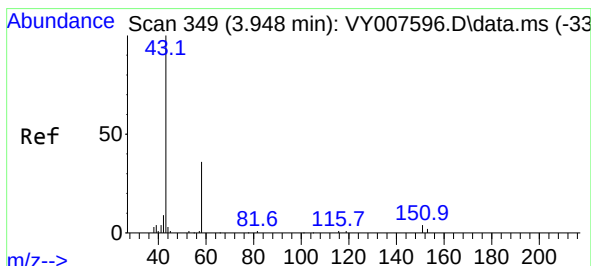
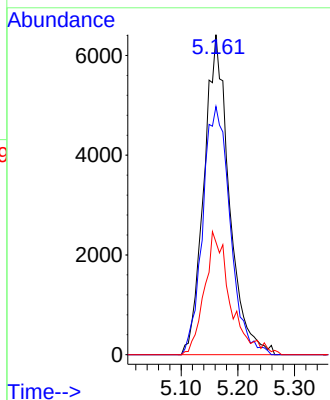
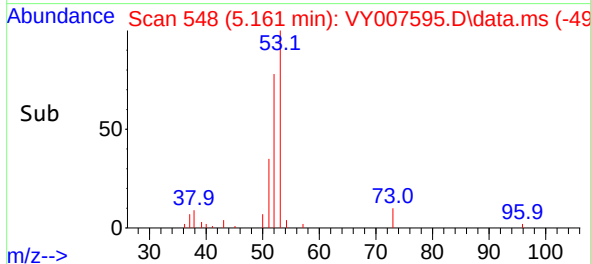
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



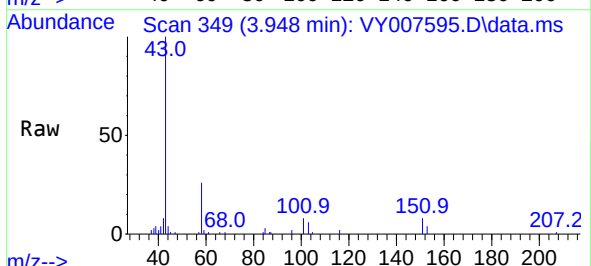
Tgt Ion: 53 Resp: 1986
Ion Ratio Lower Upper
53 100
52 84.1 67.0 100.4
51 39.5 29.8 44.6

Manual Integrations
APPROVED

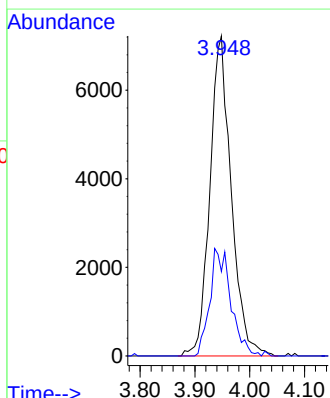
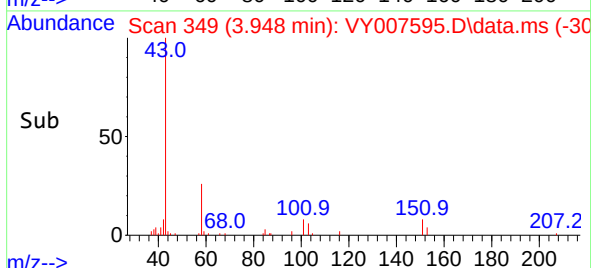
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

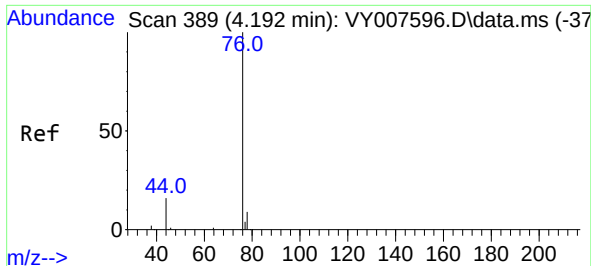


#16
Acetone
Concen: 101.717 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007595.D
Acq: 23 Feb 2022 13:21



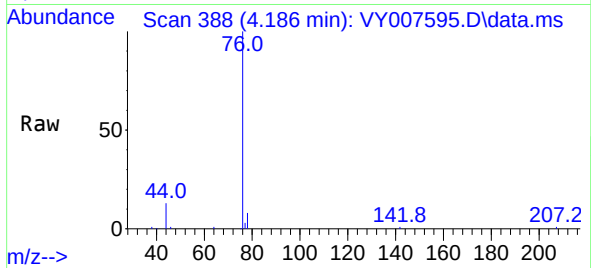
Tgt Ion: 43 Resp: 19555
Ion Ratio Lower Upper
43 100
58 26.4 22.0 33.0





#17
Carbon Disulfide
Concen: 21.973 ug/l
RT: 4.186 min Scan# 389
Delta R.T. -0.006 min
Lab File: VY007595.D
Acq: 23 Feb 2022 13:21

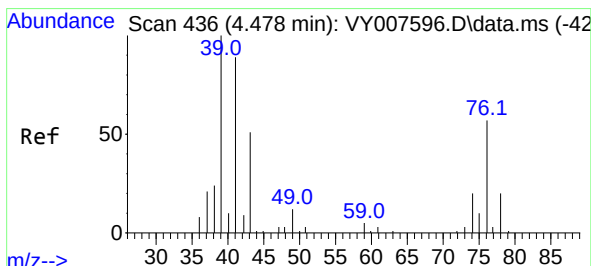
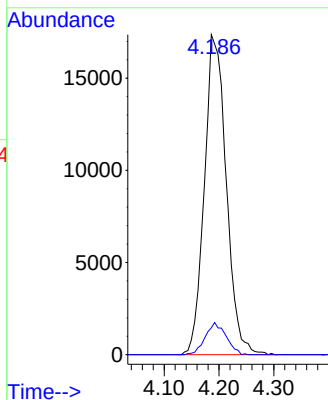
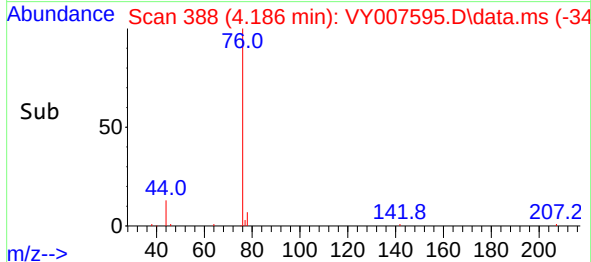
Instrument :
MSVOA_Y
Client Sample Id :
VSTDICC020



Tgt Ion: 76 Resp: 4808
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.0

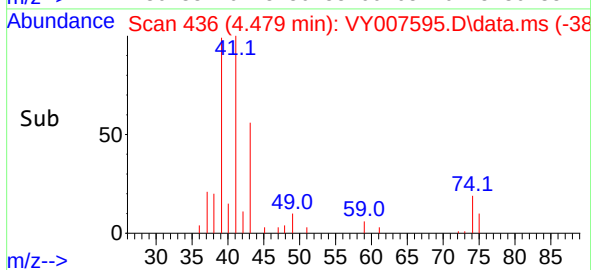
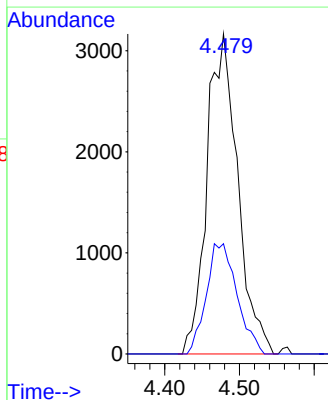
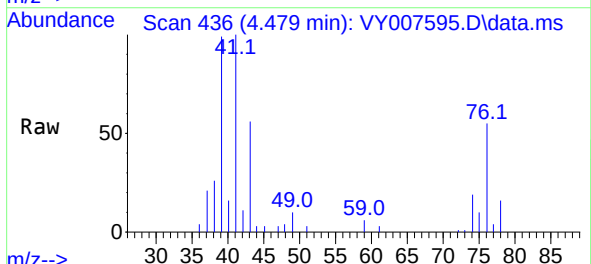
Manual Integrations
APPROVED

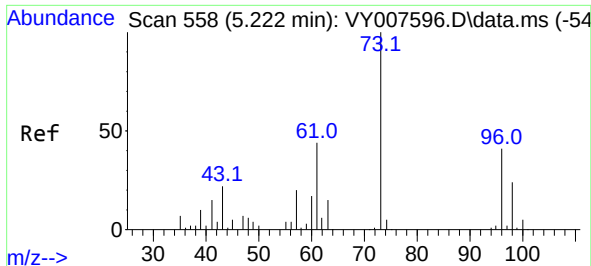
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#18
Methyl Acetate
Concen: 21.353 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY007595.D
Acq: 23 Feb 2022 13:21

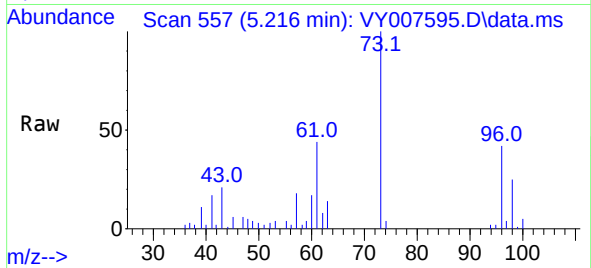
Tgt Ion: 43 Resp: 9027
Ion Ratio Lower Upper
43 100
74 34.5 16.6 24.8#





#19
Methyl tert-butyl Ether
Concen: 21.508 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY007595.D
Acq: 23 Feb 2022 13:21

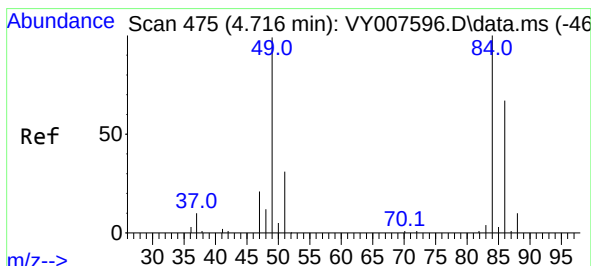
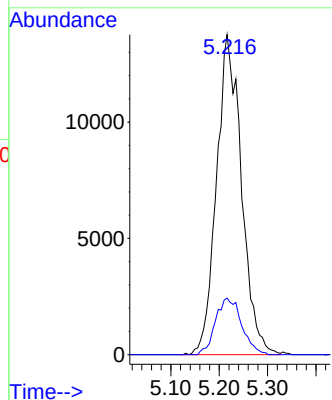
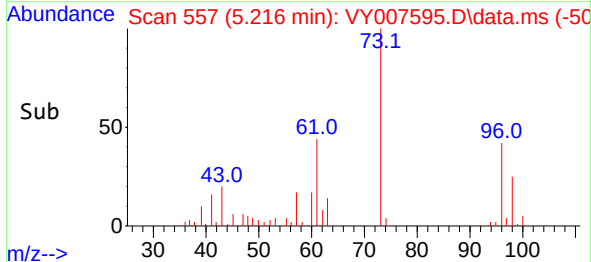
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



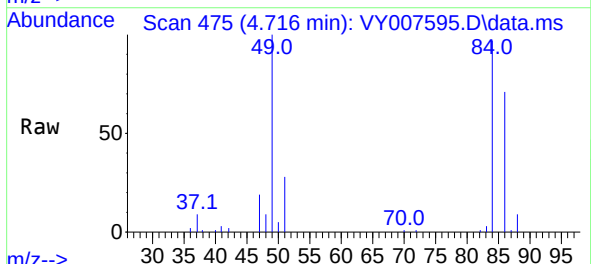
Tgt Ion: 73 Resp: 49269
Ion Ratio Lower Upper
73 100
57 17.6 18.6 27.8

Manual Integrations
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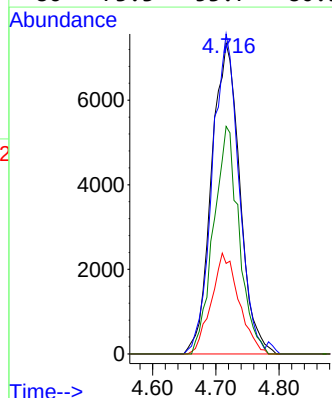
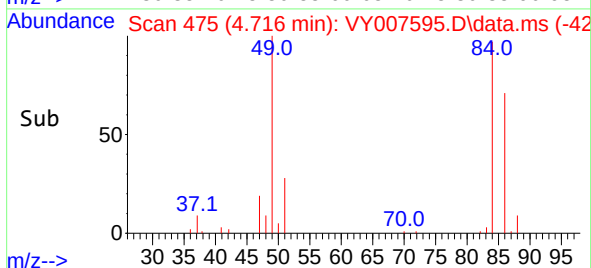
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

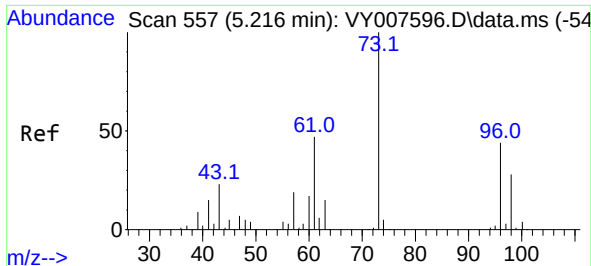


#20
Methylene Chloride
Concen: 23.631 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY007595.D
Acq: 23 Feb 2022 13:21



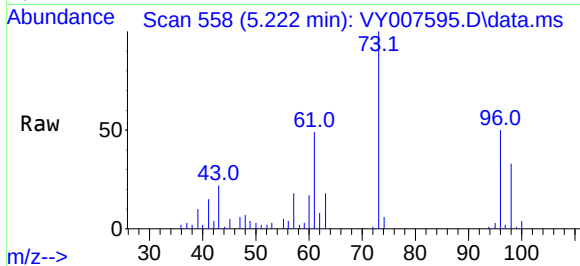
Tgt Ion: 84 Resp: 22775
Ion Ratio Lower Upper
84 100
49 103.0 114.4 171.6#
51 29.2 35.3 52.9#
86 73.3 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 22.303 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY007595.D
Acq: 23 Feb 2022 13:21

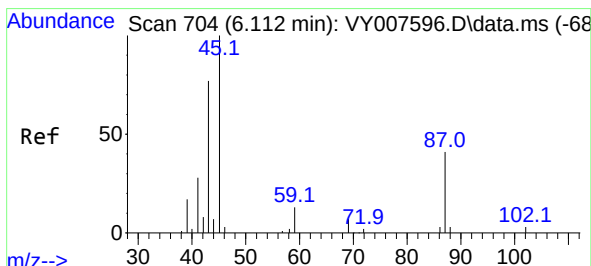
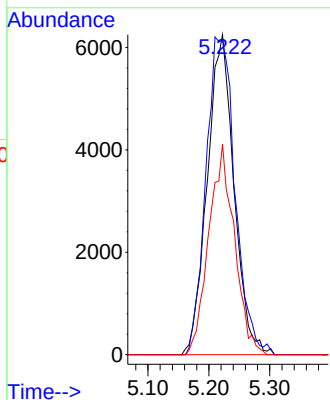
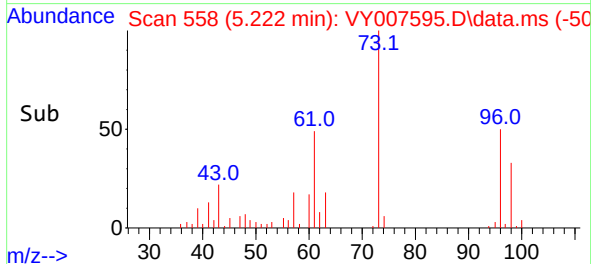
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



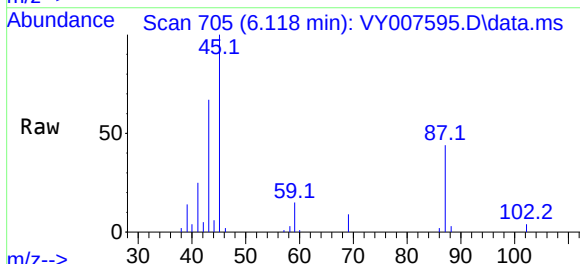
Tgt Ion: 96 Resp: 1907
Ion Ratio Lower Upper
96 100
61 98.1 120.5 180.7
98 65.8 49.8 74.8

Manual Integrations
APPROVED

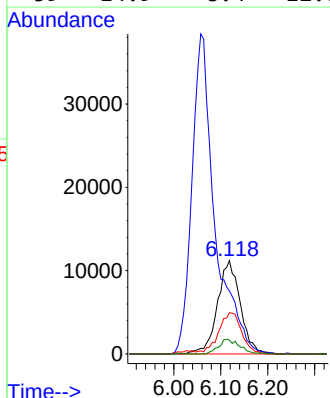
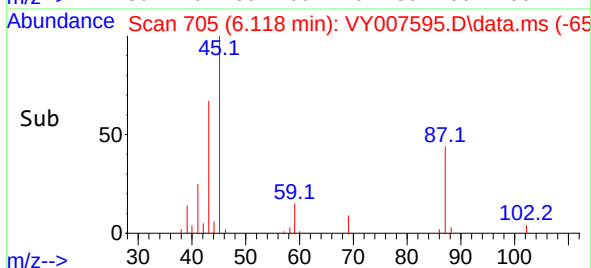
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

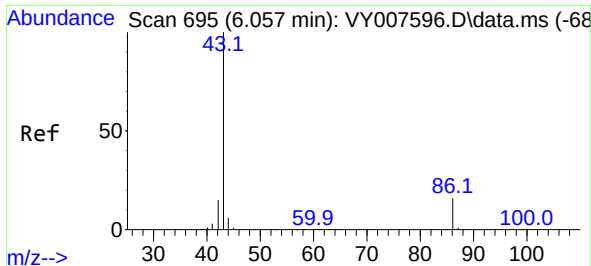


#22
Diisopropyl ether
Concen: 21.751 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY007595.D
Acq: 23 Feb 2022 13:21



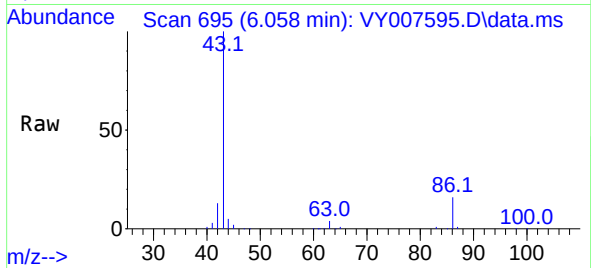
Tgt Ion: 45 Resp: 37690
Ion Ratio Lower Upper
45 100
43 67.4 49.3 73.9
87 44.2 19.2 28.8#
59 14.9 8.4 12.6#





#23
 Vinyl Acetate
 Concen: 109.779 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY007595.D
 Acq: 23 Feb 2022 13:21

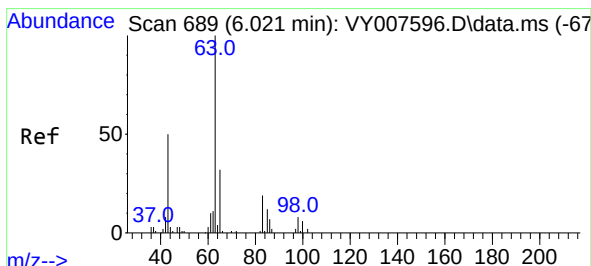
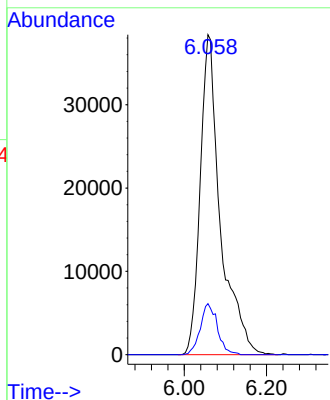
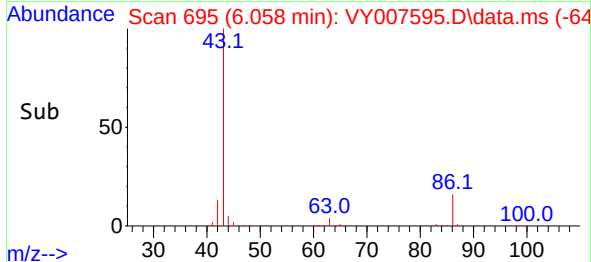
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020



Tgt Ion: 43 Resp: 130492
 Ion Ratio Lower Upper
 43 100
 86 16.0 7.1 10.7

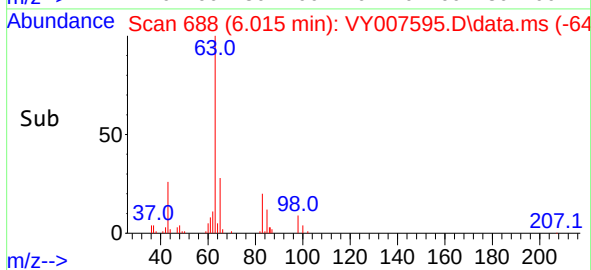
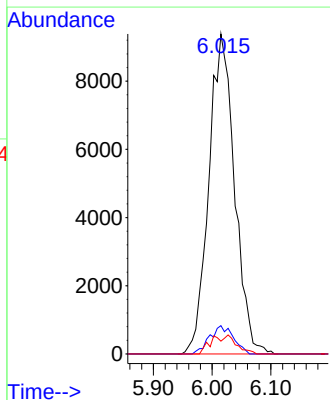
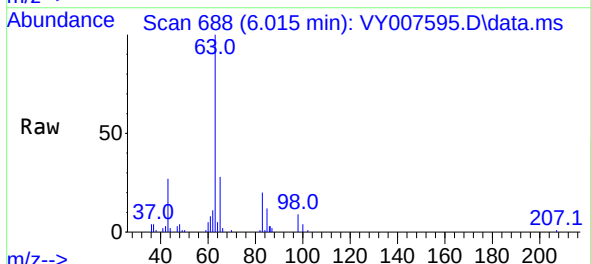
Manual Integrations
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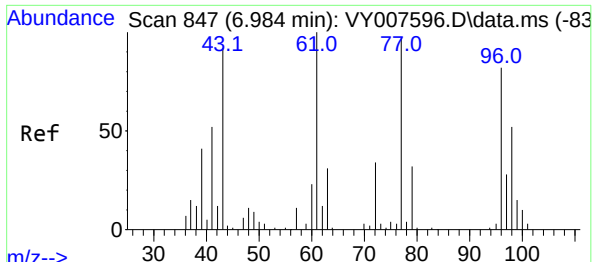
Reviewed By :John Carlone 02/24/2022
 Supervised By :Mahesh Dadoda 02/24/2022



#24
 1,1-Dichloroethane
 Concen: 21.692 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY007595.D
 Acq: 23 Feb 2022 13:21

Tgt Ion: 63 Resp: 28596
 Ion Ratio Lower Upper
 63 100
 98 8.8 3.6 10.8
 100 4.0 2.0 5.8





#25

2-Butanone

Concen: 110.137 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY007595.D

Acq: 23 Feb 2022 13:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 2347

Ion Ratio Lower Upper

43 100

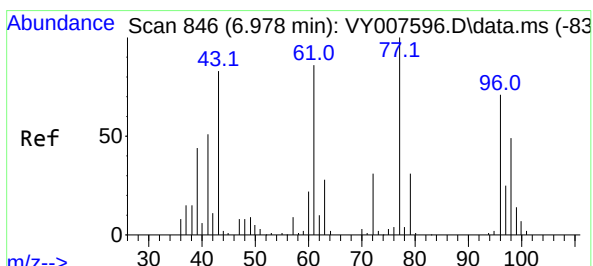
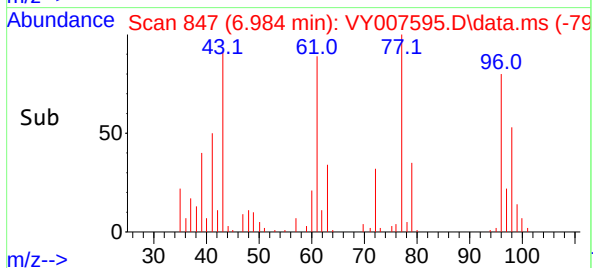
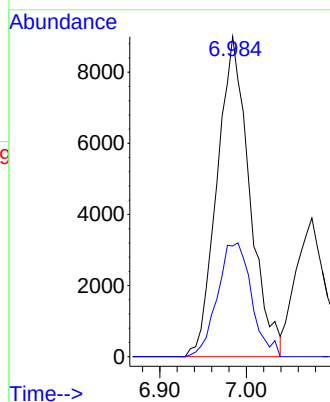
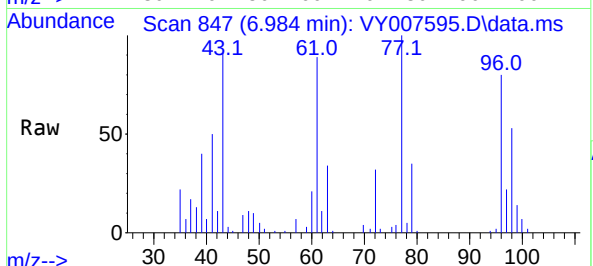
72 34.6 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#26

2,2-Dichloropropane

Concen: 20.803 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY007595.D

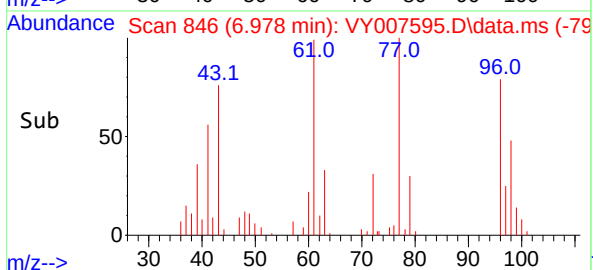
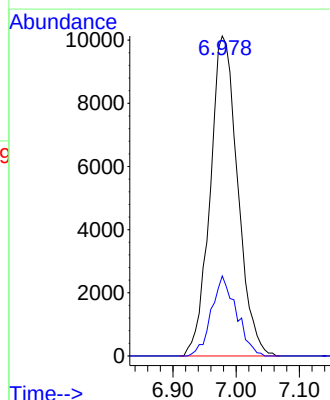
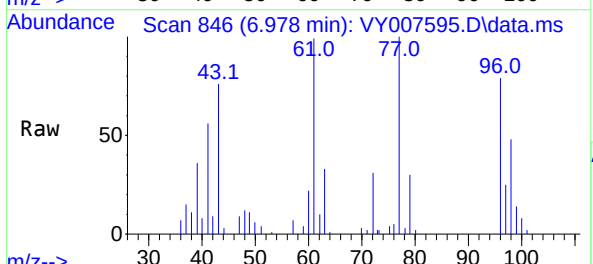
Acq: 23 Feb 2022 13:21

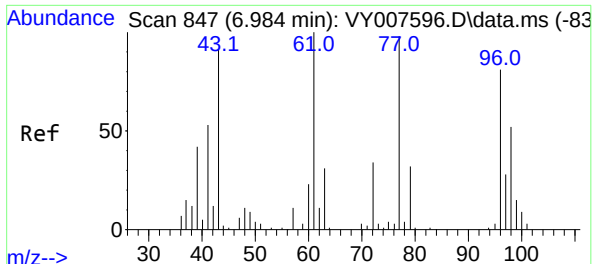
Tgt Ion: 77 Resp: 30661

Ion Ratio Lower Upper

77 100

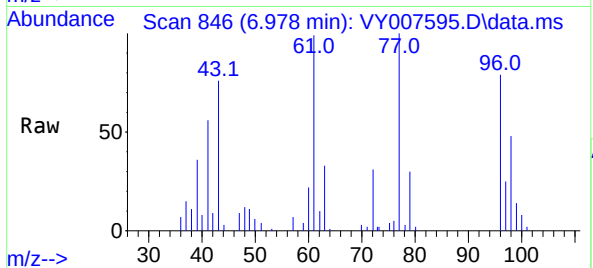
97 22.8 10.4 31.4





#27
 cis-1,2-Dichloroethene
 Concen: 22.673 ug/l
 RT: 6.978 min Scan# 847
 Delta R.T. -0.006 min
 Lab File: VY007595.D
 Acq: 23 Feb 2022 13:21

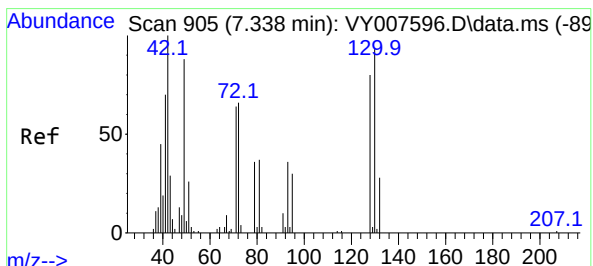
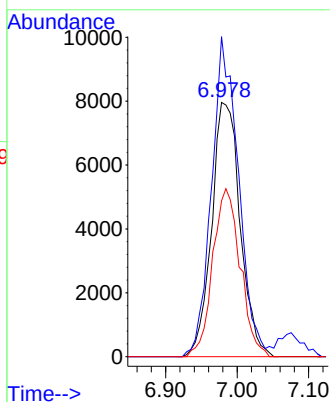
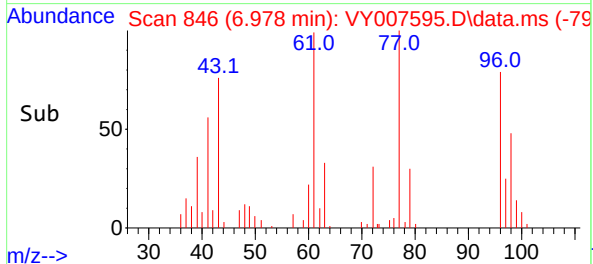
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020



Tgt Ion: 96 Resp: 22030
 Ion Ratio Lower Upper
 96 100
 61 119.4 0.0 319.8
 98 63.8 0.0 127.0

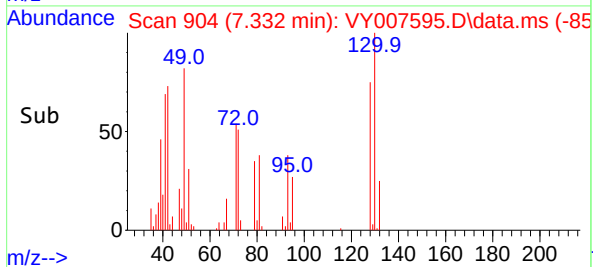
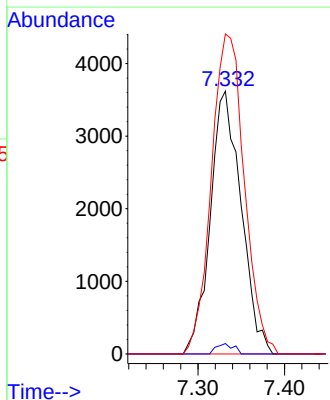
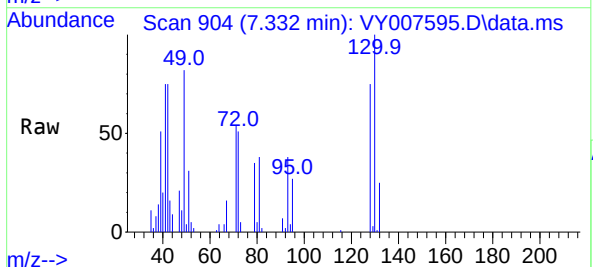
Manual Integrations
 APPROVED

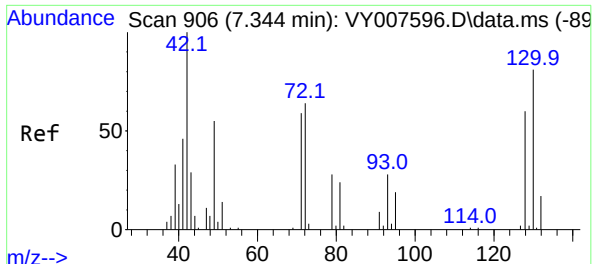
Reviewed By :John Carlone 02/24/2022
 Supervised By :Mahesh Dadoda 02/24/2022



#28
 Bromochloromethane
 Concen: 20.517 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.006 min
 Lab File: VY007595.D
 Acq: 23 Feb 2022 13:21

Tgt Ion: 49 Resp: 8946
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 2.2#
 130 130.3 55.4 83.0#





#29

Tetrahydrofuran

Concen: 108.886 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY007595.D

Acq: 23 Feb 2022 13:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 42 Resp: 1346

Ion Ratio Lower Upper

42 100

72 66.7 30.3 45.5

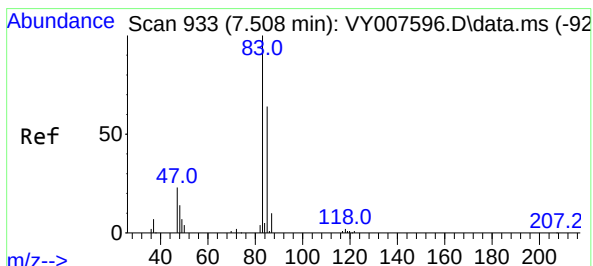
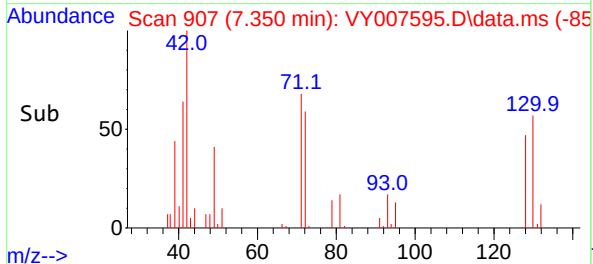
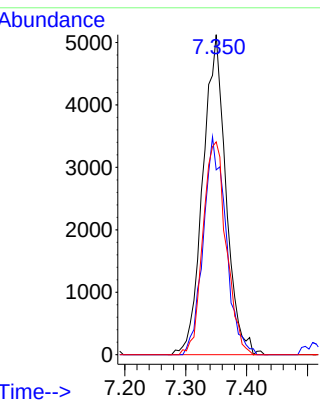
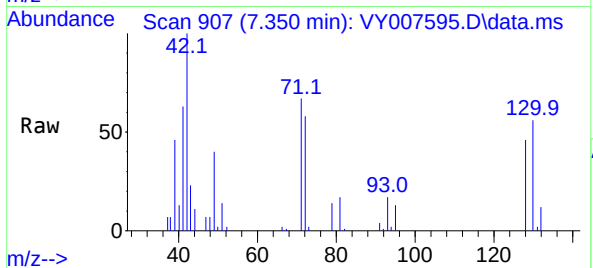
71 67.3 29.0 43.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#30

Chloroform

Concen: 21.683 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY007595.D

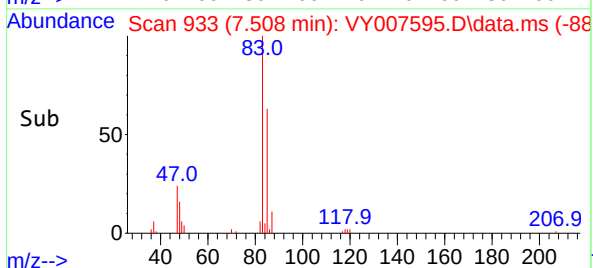
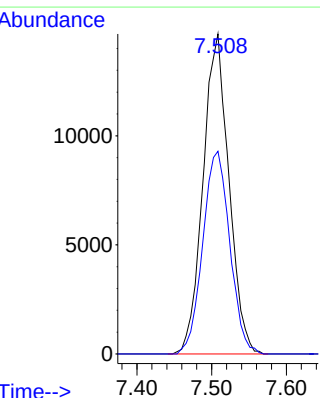
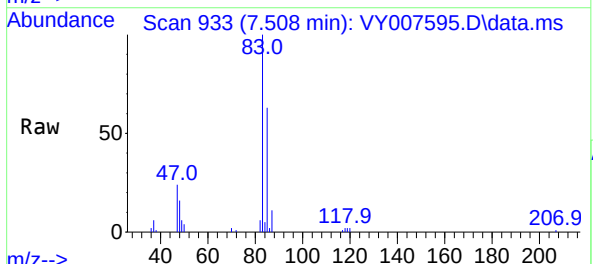
Acq: 23 Feb 2022 13:21

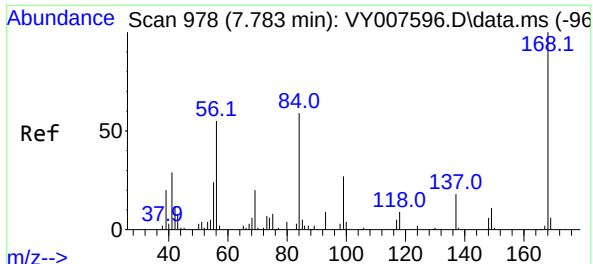
Tgt Ion: 83 Resp: 35319

Ion Ratio Lower Upper

83 100

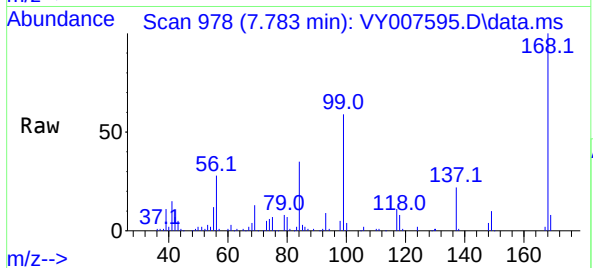
85 63.4 51.8 77.6





#31
Cyclohexane
Concen: 19.725 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007595.D
Acq: 23 Feb 2022 13:21

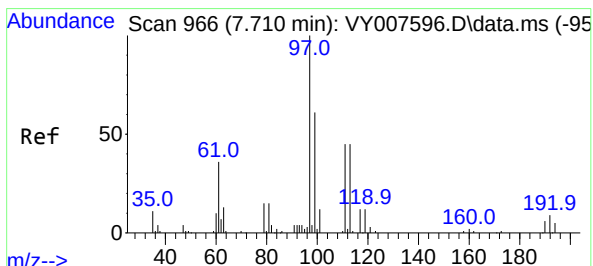
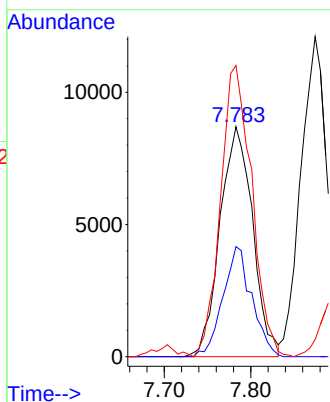
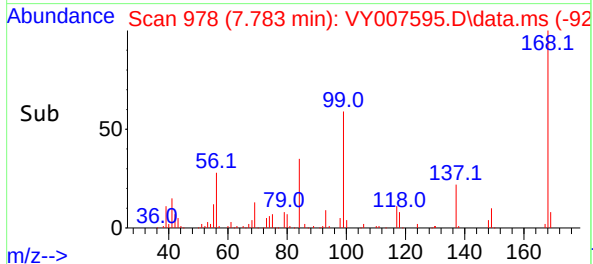
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



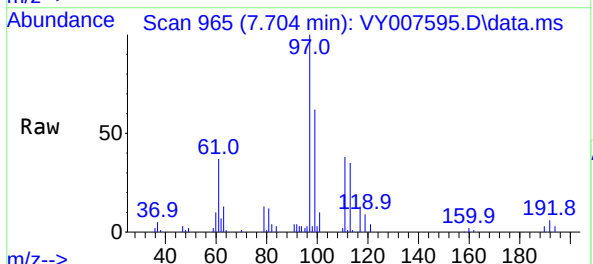
Tgt Ion: 56 Resp: 22770
Ion Ratio Lower Upper
56 100
69 47.9 26.7 40.1
84 125.5 67.2 100.8

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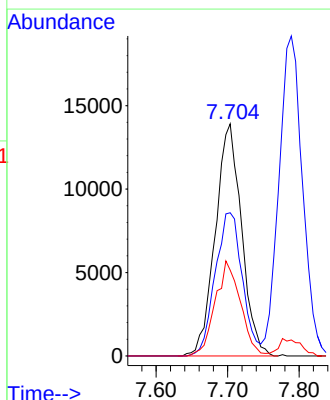
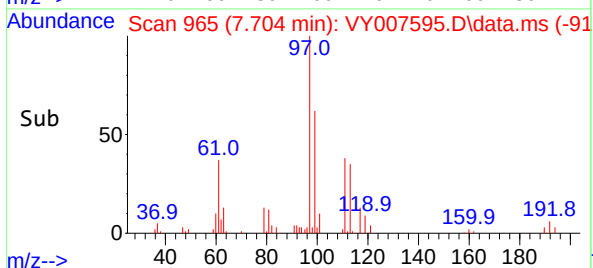
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

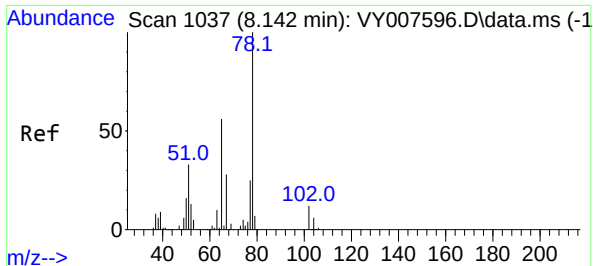


#32
1,1,1-Trichloroethane
Concen: 21.405 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.006 min
Lab File: VY007595.D
Acq: 23 Feb 2022 13:21



Tgt Ion: 97 Resp: 35419
Ion Ratio Lower Upper
97 100
99 64.0 50.7 76.1
61 39.4 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 22.993 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY007595.D

Acq: 23 Feb 2022 13:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 18710

Ion Ratio Lower Upper

65 100

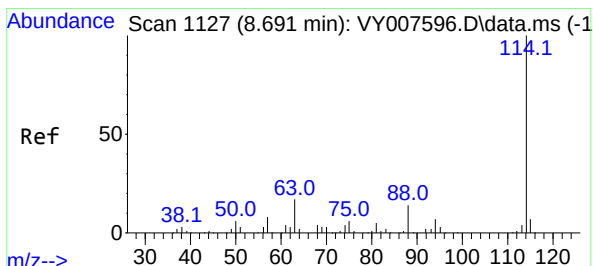
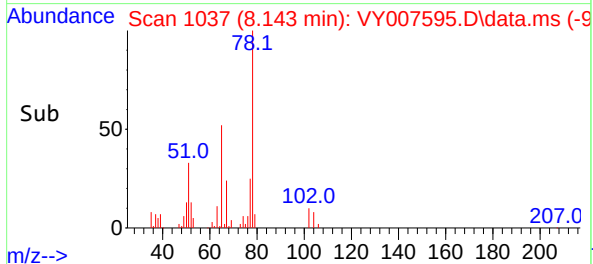
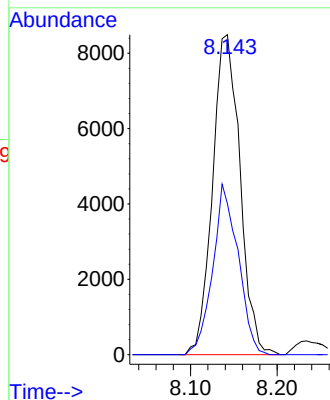
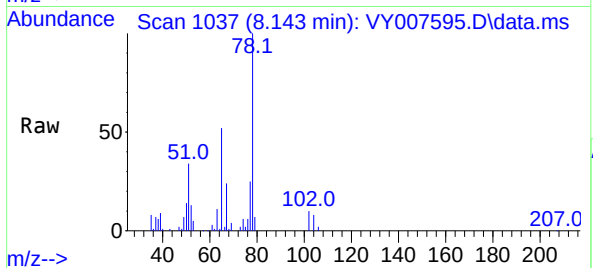
67 49.2 0.0 99.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007595.D

Acq: 23 Feb 2022 13:21

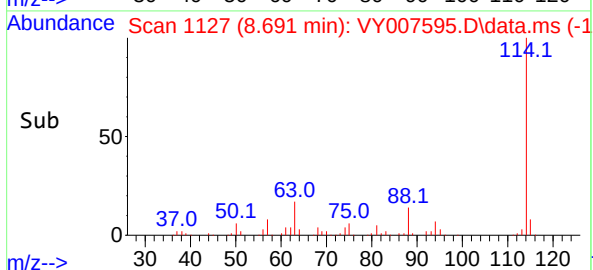
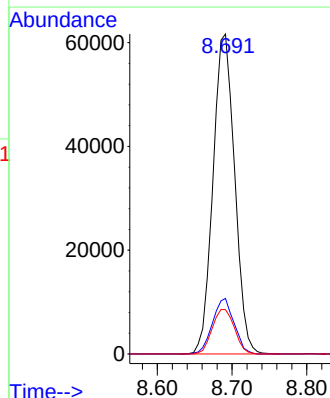
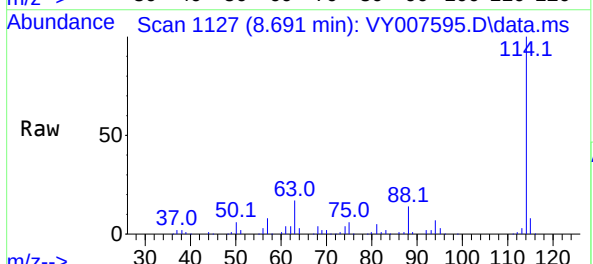
Tgt Ion:114 Resp: 124057

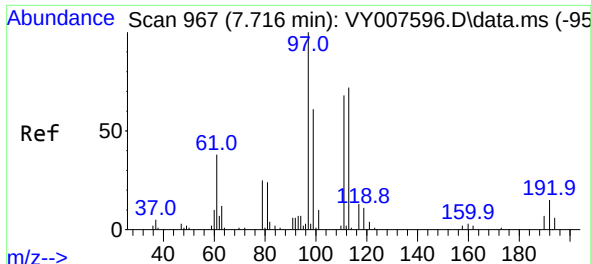
Ion Ratio Lower Upper

114 100

63 17.3 0.0 43.2

88 13.9 0.0 31.8





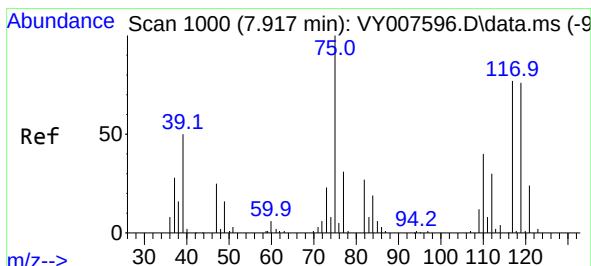
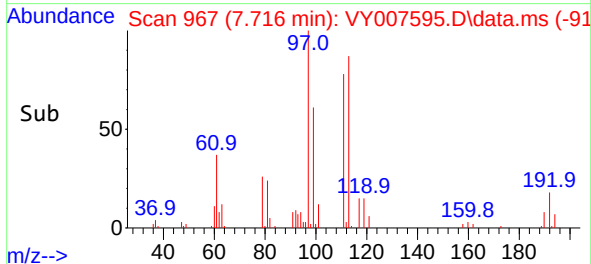
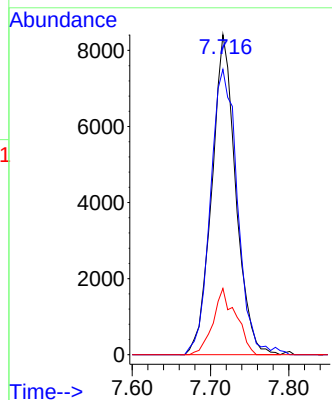
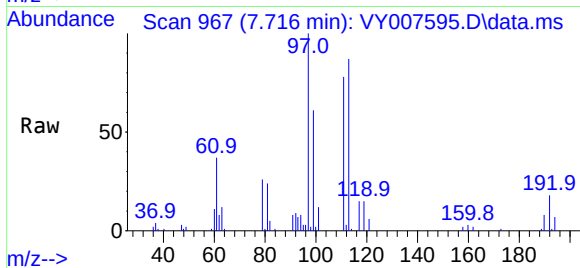
#35
Dibromofluoromethane
Concen: 23.157 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY007595.D
Acq: 23 Feb 2022 13:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:113 Resp: 1792
Ion Ratio Lower Upper
113 100
111 100.6 82.6 124.0
192 19.8 17.6 26.4

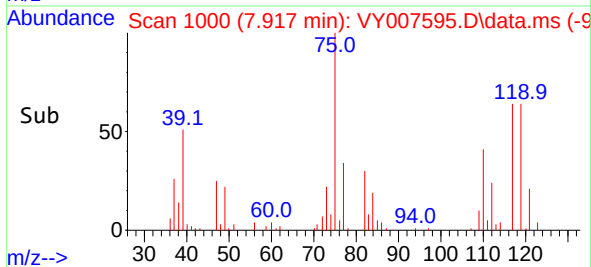
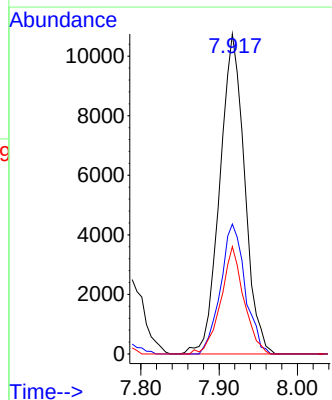
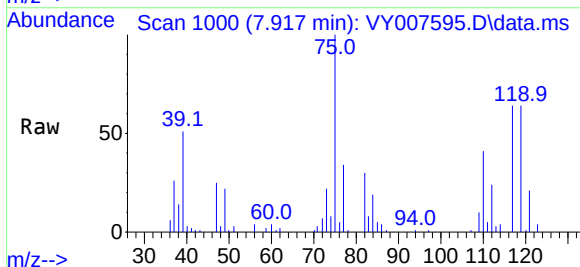
Manual Integrations
APPROVED

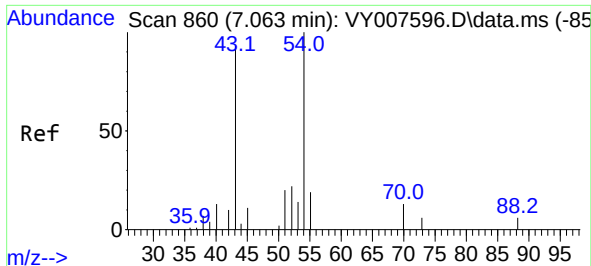
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#36
1,1-Dichloropropene
Concen: 20.393 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY007595.D
Acq: 23 Feb 2022 13:21

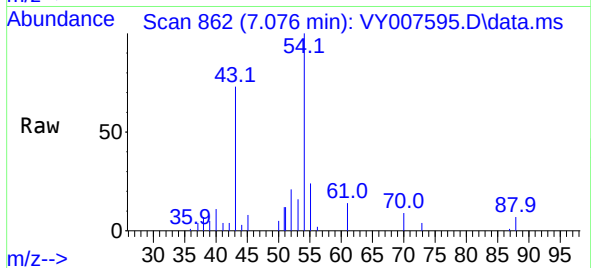
Tgt Ion: 75 Resp: 23637
Ion Ratio Lower Upper
75 100
110 40.3 17.1 51.2
77 31.1 24.4 36.6





#37
Ethyl Acetate
Concen: 20.403 ug/l
RT: 7.076 min Scan# 862
Delta R.T. 0.012 min
Lab File: VY007595.D
Acq: 23 Feb 2022 13:21

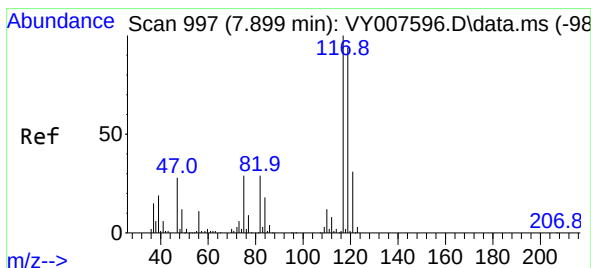
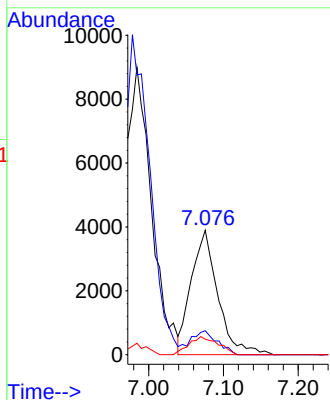
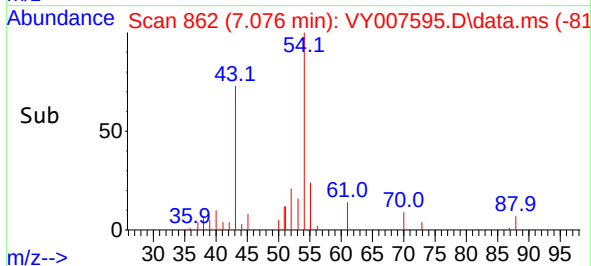
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 964
Ion Ratio Lower Upper
43 100
61 17.2 9.7 14.5
70 15.8 7.1 10.7

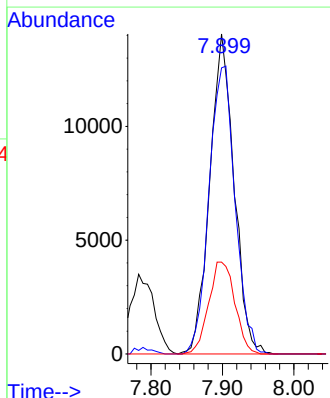
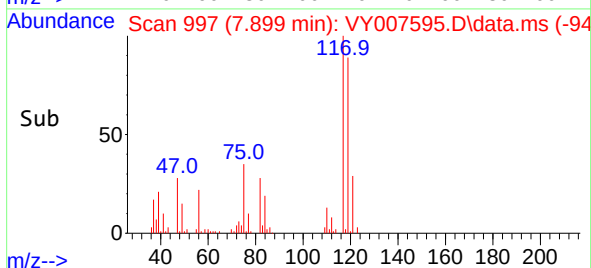
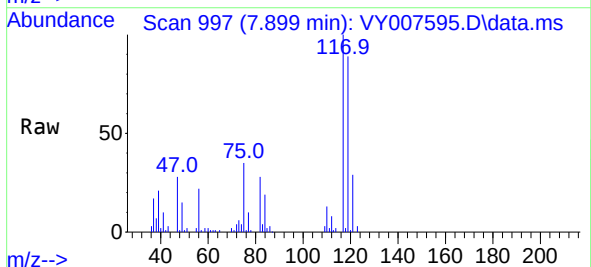
Manual Integrations
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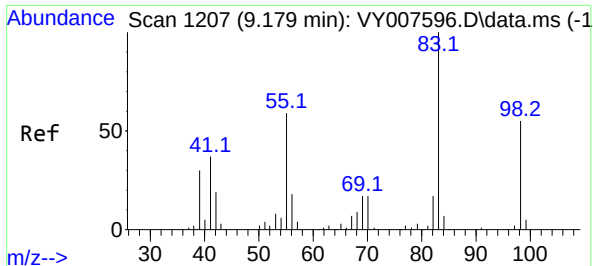
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#38
Carbon Tetrachloride
Concen: 20.665 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY007595.D
Acq: 23 Feb 2022 13:21

Tgt Ion:117 Resp: 33095
Ion Ratio Lower Upper
117 100
119 89.4 77.9 116.9
121 28.7 24.8 37.2





#39

Methylcyclohexane

Concen: 20.756 ug/l

RT: 9.179 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY007595.D

Acq: 23 Feb 2022 13:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 83 Resp: 30462

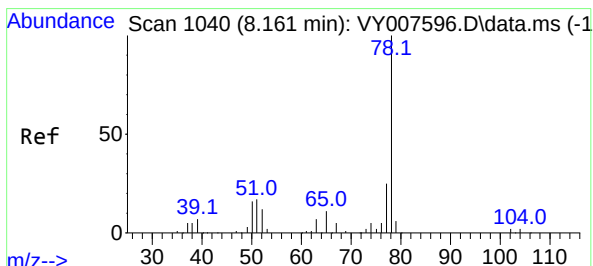
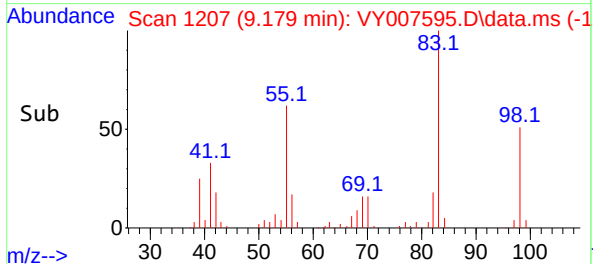
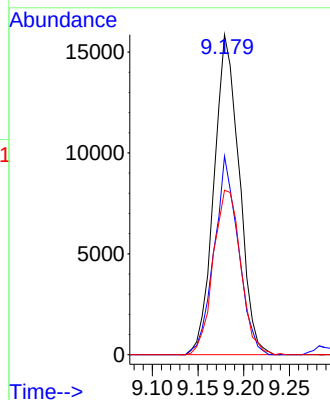
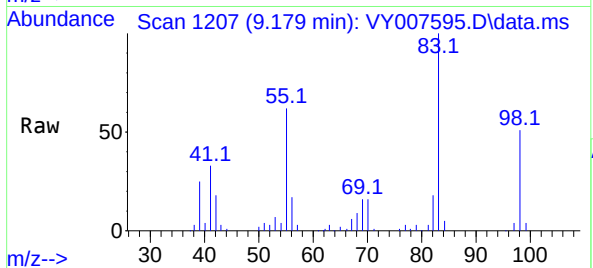
Ion	Ratio	Lower	Upper
83	100		
55	62.1	66.5	99.7
98	51.4	37.9	56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#40

Benzene

Concen: 21.451 ug/l

RT: 8.161 min Scan# 1040

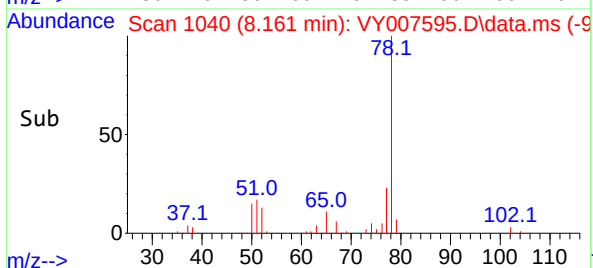
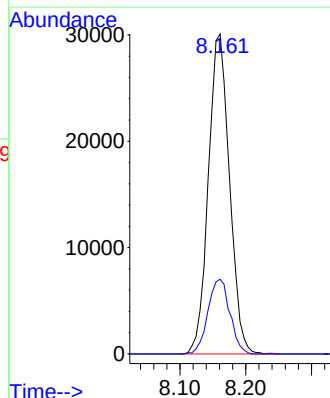
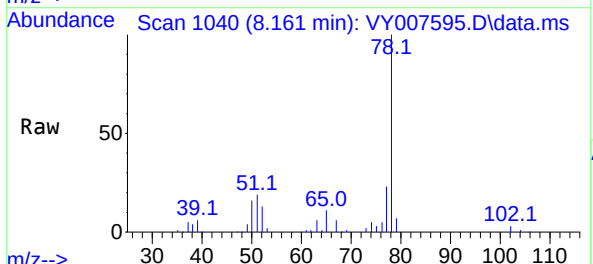
Delta R.T. 0.000 min

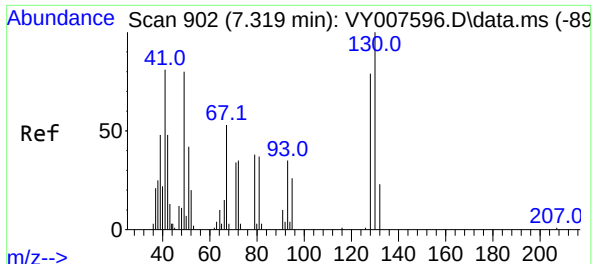
Lab File: VY007595.D

Acq: 23 Feb 2022 13:21

Tgt Ion: 78 Resp: 67282

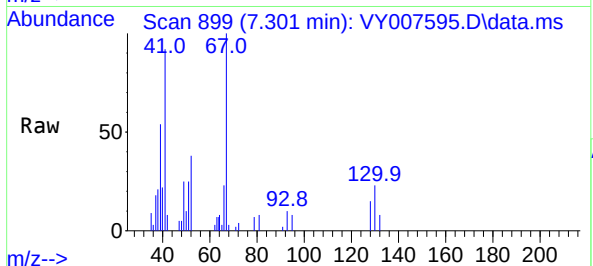
Ion	Ratio	Lower	Upper
78	100		
77	23.4	20.4	30.6





#41
Methacrylonitrile
Concen: 21.514 ug/l
RT: 7.301 min Scan# 899
Delta R.T. -0.018 min
Lab File: VY007595.D
Acq: 23 Feb 2022 13:21

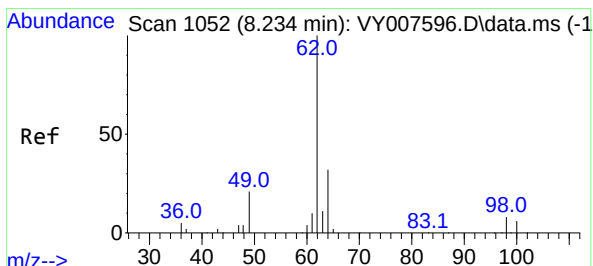
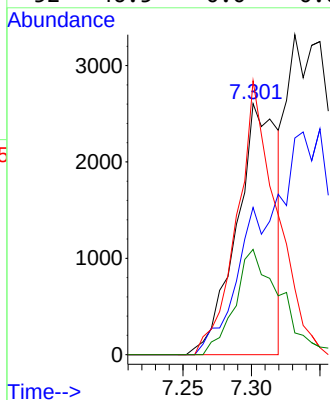
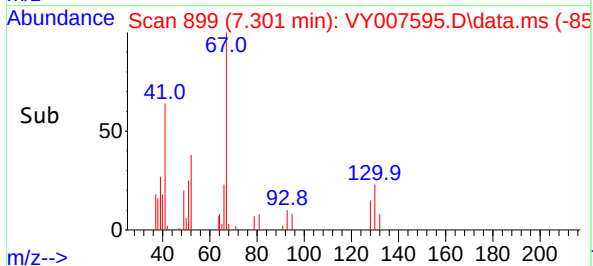
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 41 Resp: 538
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3
67 106.7 0.0 0.0
52 46.5 0.0 0.0

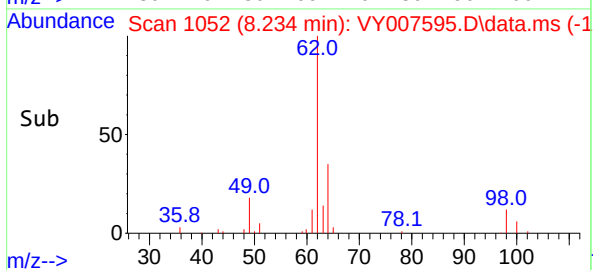
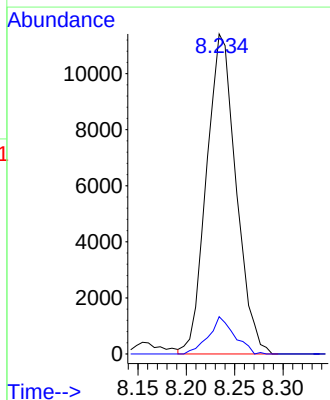
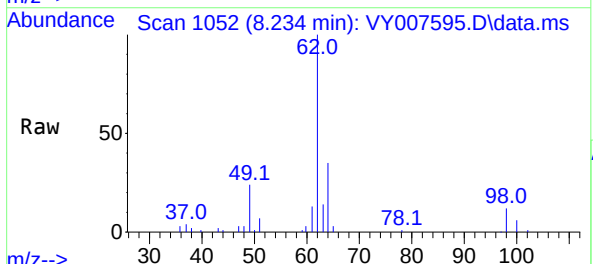
Manual Integrations
APPROVED

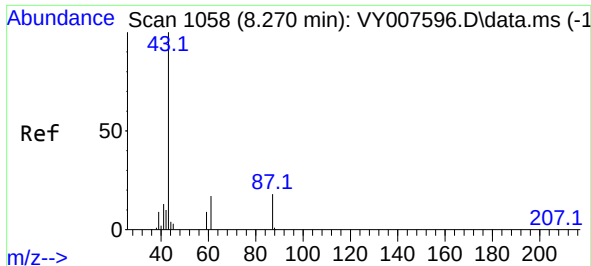
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#42
1,2-Dichloroethane
Concen: 22.214 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY007595.D
Acq: 23 Feb 2022 13:21

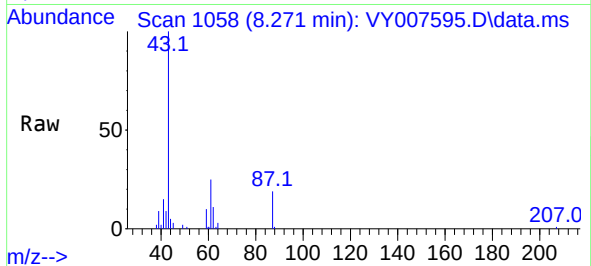
Tgt Ion: 62 Resp: 24275
Ion Ratio Lower Upper
62 100
98 10.1 0.0 14.8





#43
Isopropyl Acetate
Concen: 21.797 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY007595.D
Acq: 23 Feb 2022 13:21

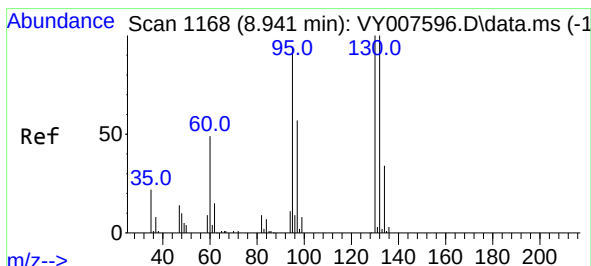
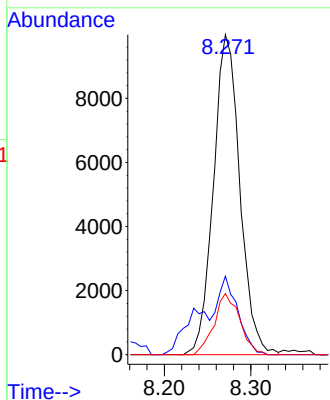
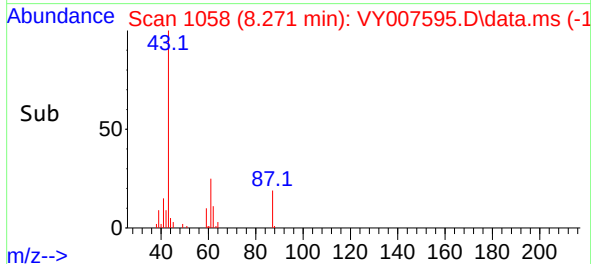
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 2113
Ion Ratio Lower Upper
43 100
61 19.5 20.2 30.2
87 18.6 8.9 13.3

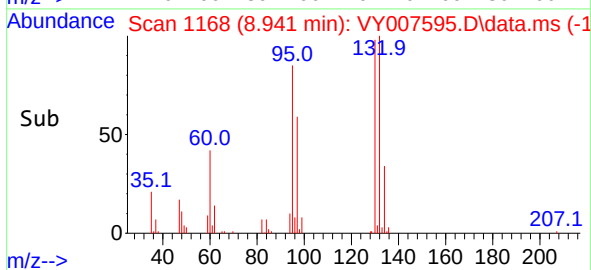
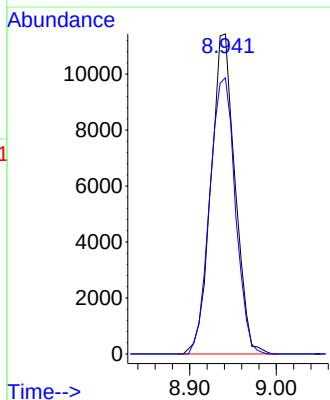
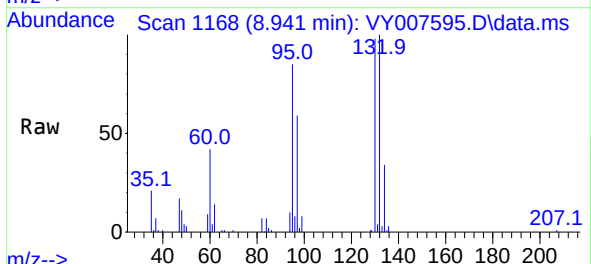
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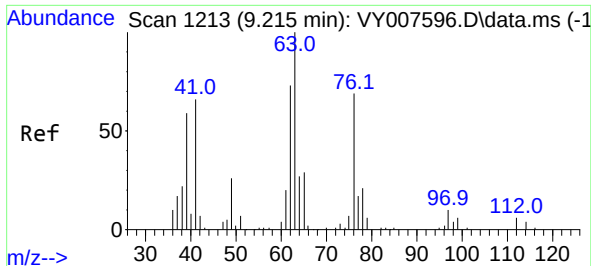
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#44
Trichloroethene
Concen: 20.961 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY007595.D
Acq: 23 Feb 2022 13:21

Tgt Ion:130 Resp: 22071
Ion Ratio Lower Upper
130 100
95 86.3 0.0 188.2





#45

1,2-Dichloropropane

Concen: 20.641 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY007595.D

Acq: 23 Feb 2022 13:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 1432

Ion Ratio Lower Upper

63 100

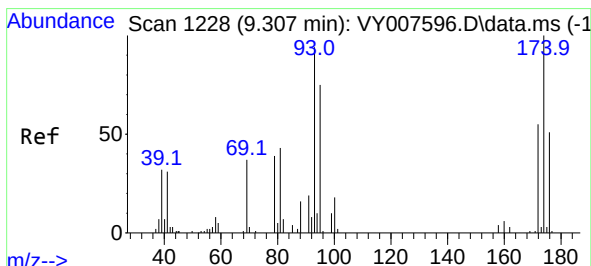
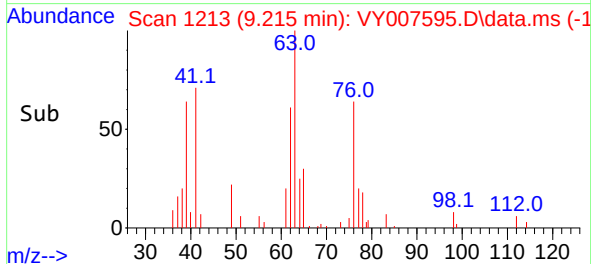
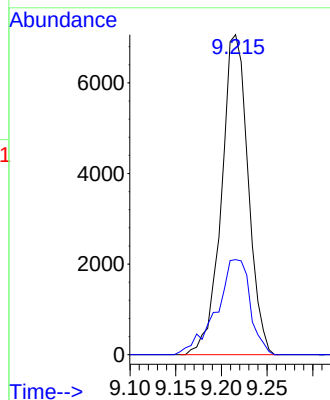
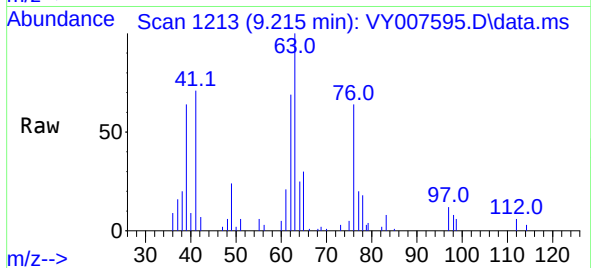
65 29.7 23.0 34.6

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Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#46

Dibromomethane

Concen: 22.418 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY007595.D

Acq: 23 Feb 2022 13:21

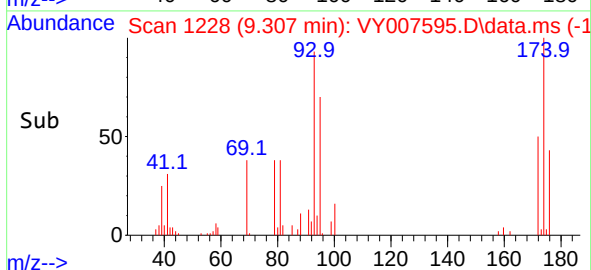
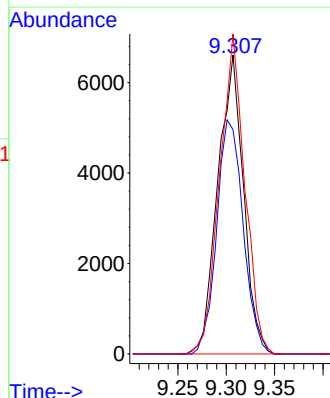
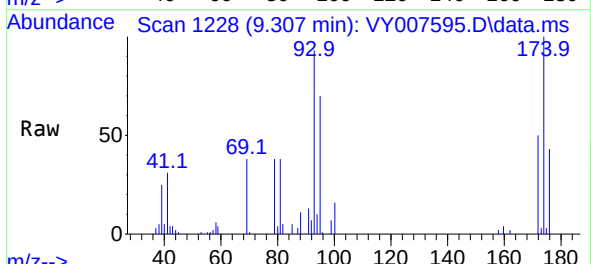
Tgt Ion: 93 Resp: 12173

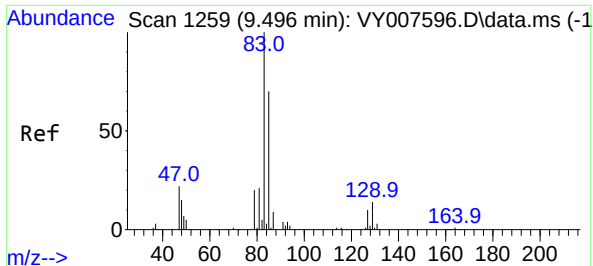
Ion Ratio Lower Upper

93 100

95 80.9 64.3 96.5

174 105.3 83.4 125.0





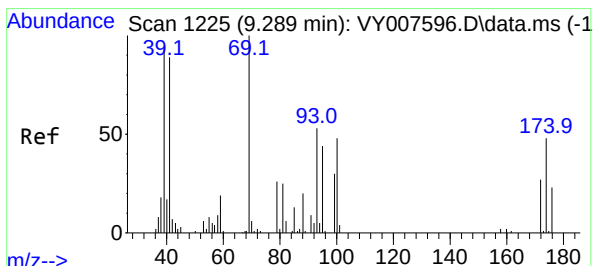
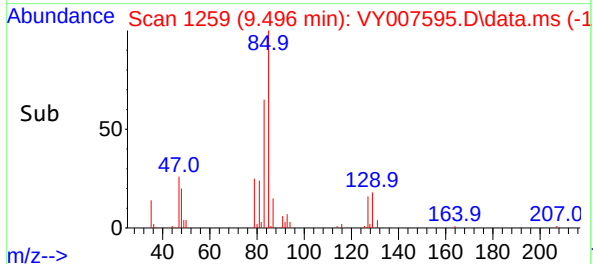
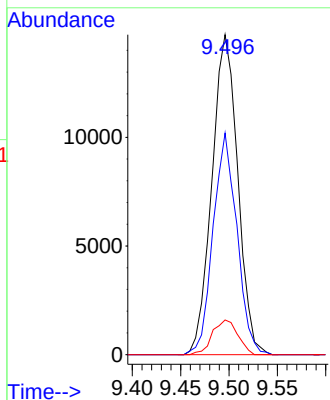
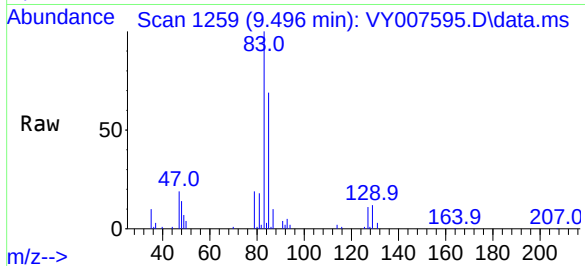
#47
Bromodichloromethane
Concen: 21.488 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY007595.D
Acq: 23 Feb 2022 13:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 2738
Ion Ratio Lower Upper
83 100
85 69.3 51.9 77.9
127 10.9 6.6 10.0

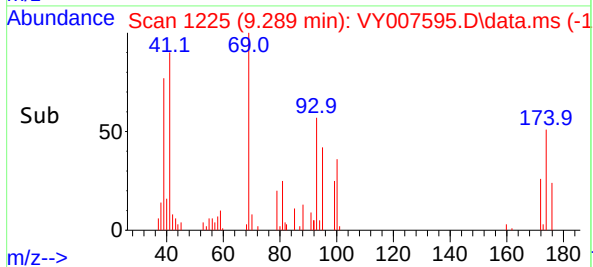
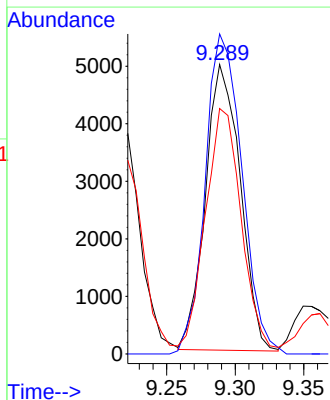
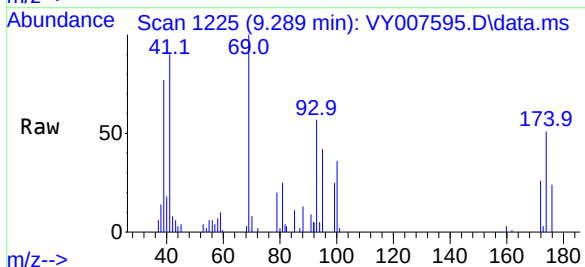
Manual Integrations
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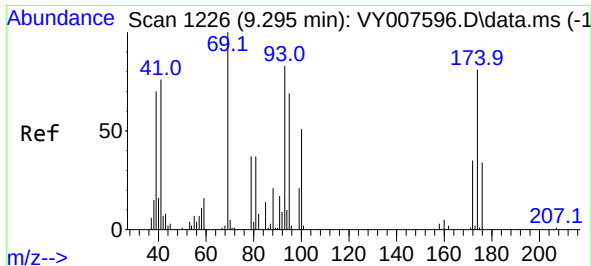
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#48
Methyl methacrylate
Concen: 21.265 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY007595.D
Acq: 23 Feb 2022 13:21

Tgt Ion: 41 Resp: 8779
Ion Ratio Lower Upper
41 100
69 118.1 58.2 87.2#
39 89.5 47.4 71.0#





#49

1,4-Dioxane

Concen: 452.820 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY007595.D

Acq: 23 Feb 2022 13:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 88 Resp: 2824

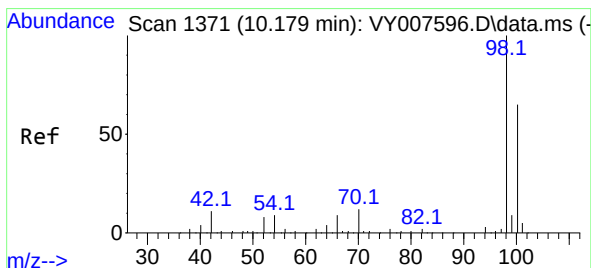
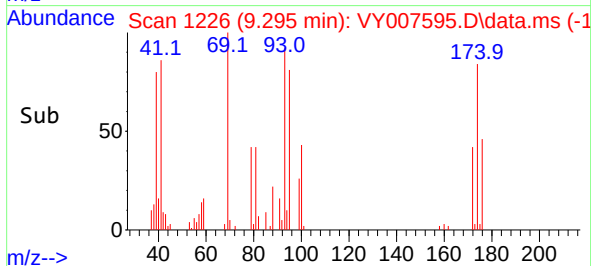
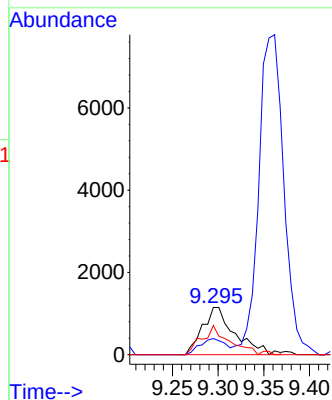
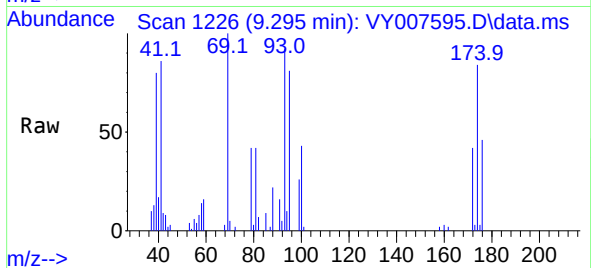
Ion	Ratio	Lower	Upper
88	100		
43	26.5	32.8	49.2
58	53.5	59.8	89.6

Manual Integrations

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Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#50

Toluene-d8

Concen: 23.223 ug/l

RT: 10.179 min Scan# 1371

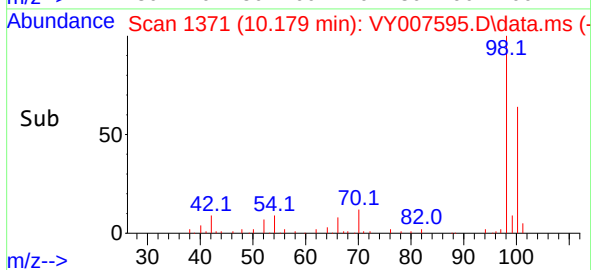
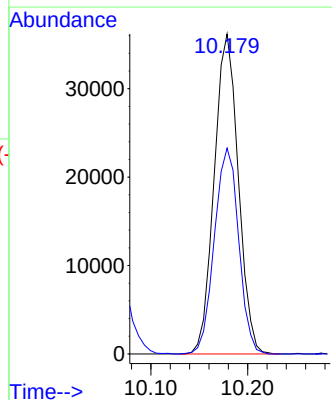
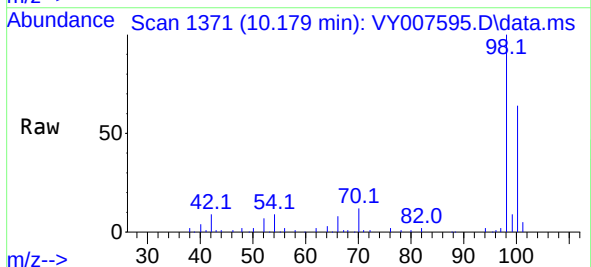
Delta R.T. 0.000 min

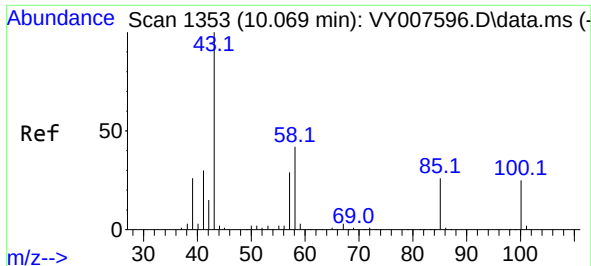
Lab File: VY007595.D

Acq: 23 Feb 2022 13:21

Tgt Ion: 98 Resp: 62536

Ion	Ratio	Lower	Upper
98	100		
100	64.8	50.2	75.2





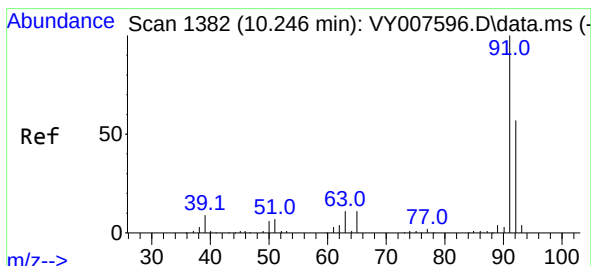
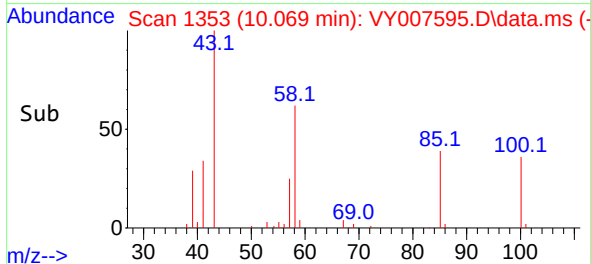
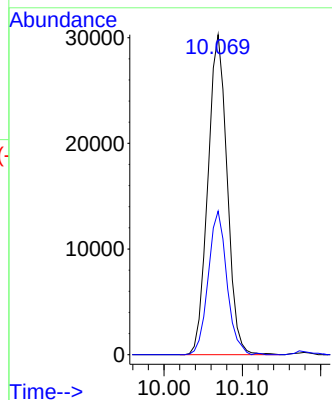
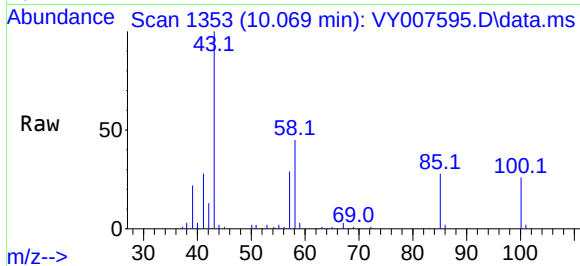
#51
4-Methyl-2-Pentanone
Concen: 107.004 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY007595.D
Acq: 23 Feb 2022 13:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 5165
Ion Ratio Lower Upper
43 100
58 43.6 28.1 42.1

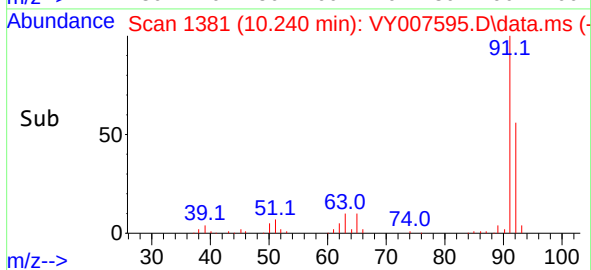
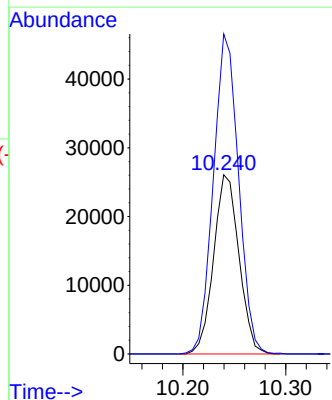
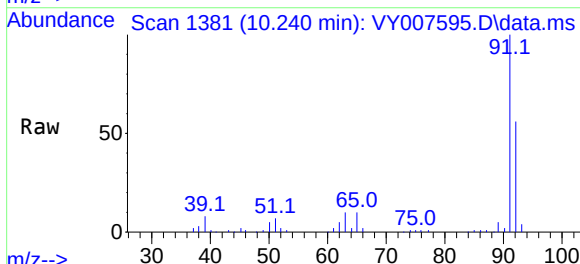
Manual Integrations
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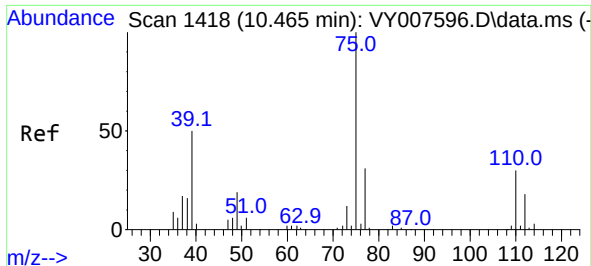
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#52
Toluene
Concen: 20.792 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY007595.D
Acq: 23 Feb 2022 13:21

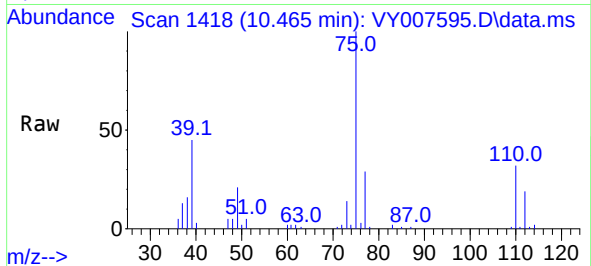
Tgt Ion: 92 Resp: 44666
Ion Ratio Lower Upper
92 100
91 177.3 142.6 213.8





#53
 t-1,3-Dichloropropene
 Concen: 21.640 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY007595.D
 Acq: 23 Feb 2022 13:21

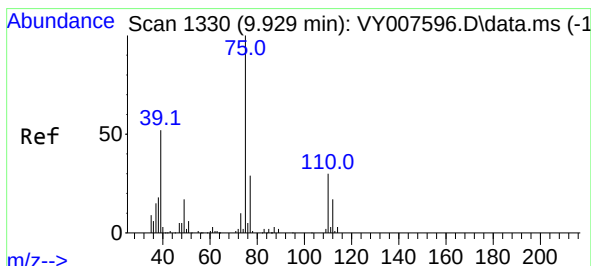
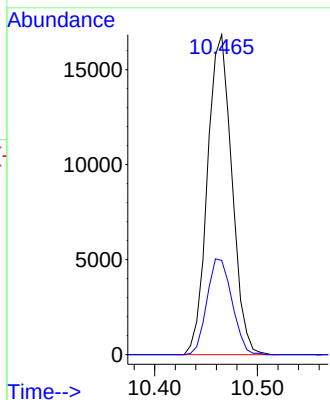
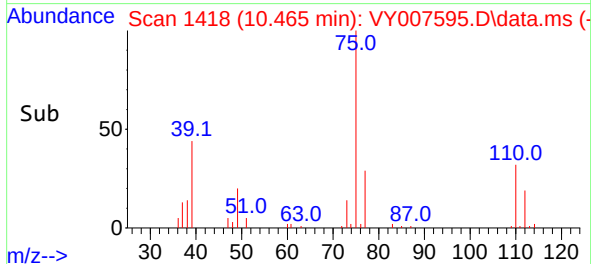
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020



Tgt Ion: 75 Resp: 2782
 Ion Ratio Lower Upper
 75 100
 77 29.4 25.4 38.2

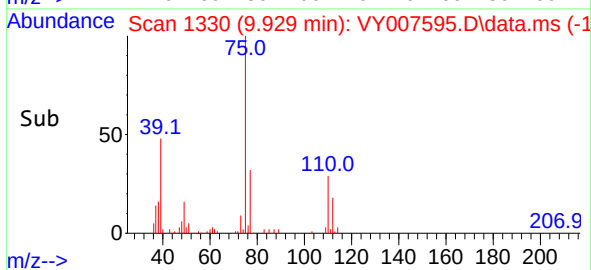
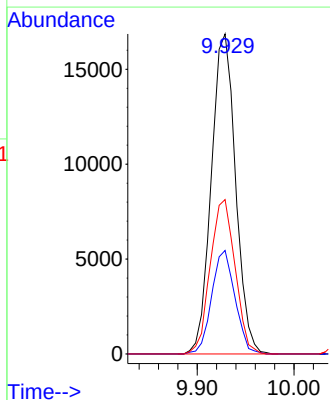
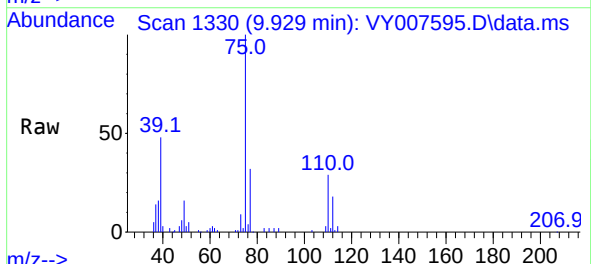
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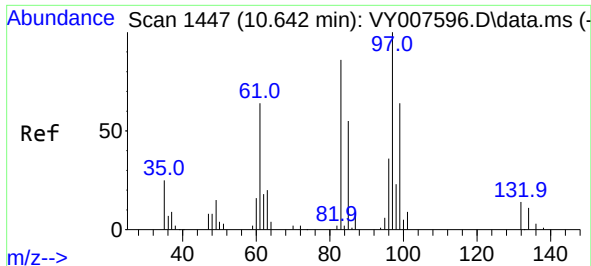
Reviewed By :John Carlone 02/24/2022
 Supervised By :Mahesh Dadoda 02/24/2022



#54
 cis-1,3-Dichloropropene
 Concen: 21.632 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY007595.D
 Acq: 23 Feb 2022 13:21

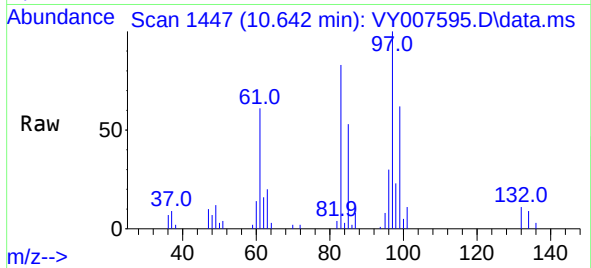
Tgt Ion: 75 Resp: 29386
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.6 38.4
 39 48.2 47.6 71.4





#55
1,1,2-Trichloroethane
Concen: 22.808 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY007595.D
Acq: 23 Feb 2022 13:21

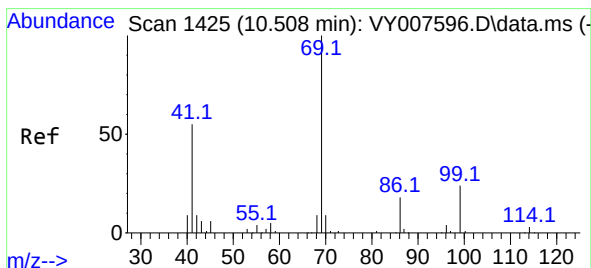
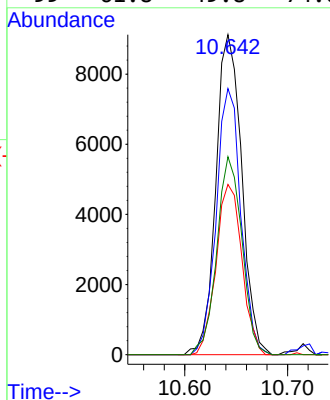
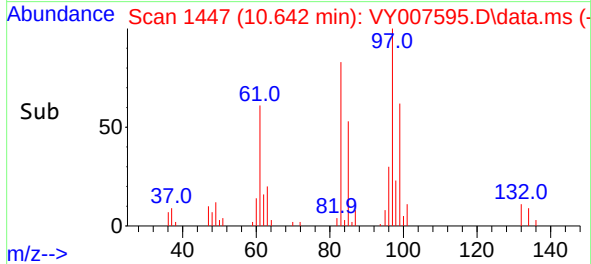
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



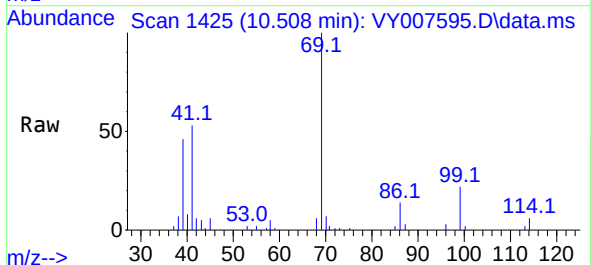
Tgt Ion: 97 Resp: 1589
Ion Ratio Lower Upper
97 100
83 83.1 69.8 104.8
85 53.2 44.3 66.5
99 61.8 49.8 74.6

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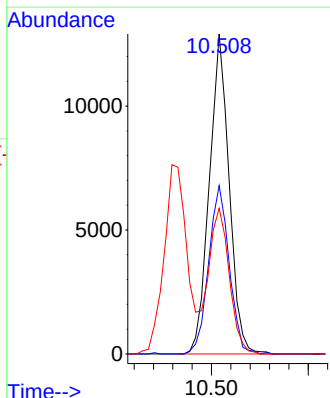
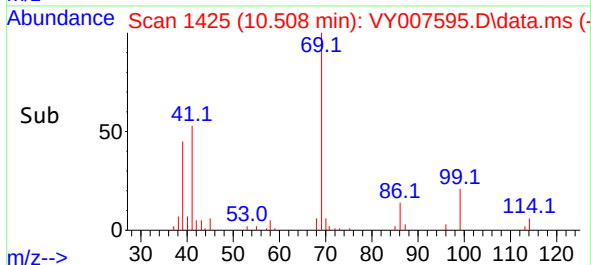
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

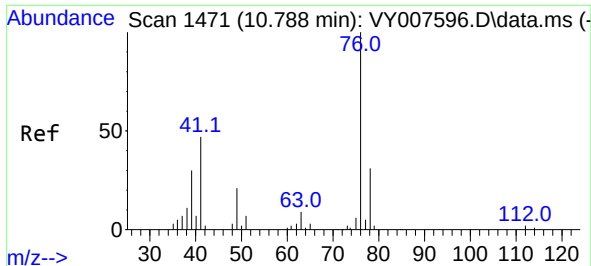


#56
Ethyl methacrylate
Concen: 21.627 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY007595.D
Acq: 23 Feb 2022 13:21



Tgt Ion: 69 Resp: 18360
Ion Ratio Lower Upper
69 100
41 54.7 63.4 95.0#
39 48.8 35.8 53.8





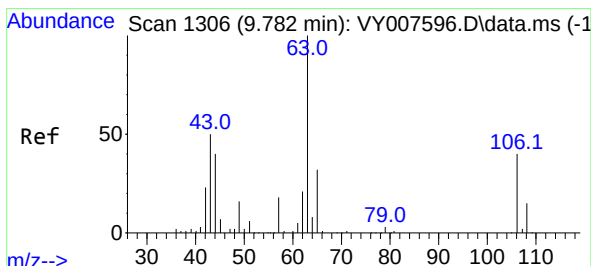
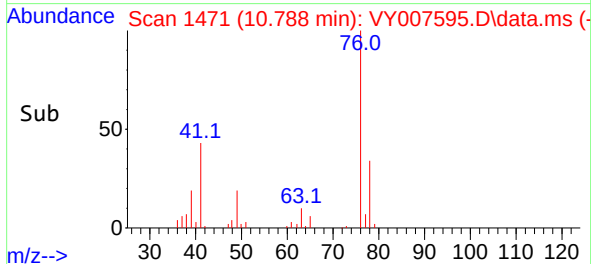
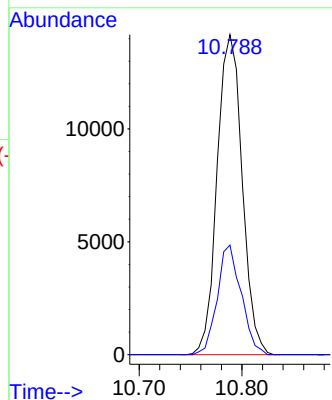
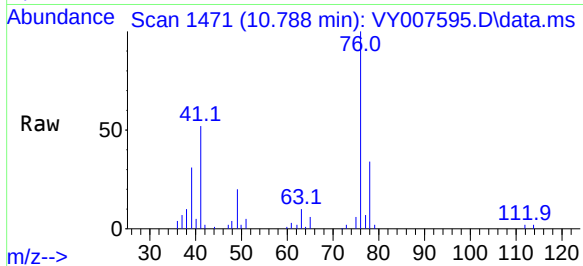
#57
1,3-Dichloropropane
Concen: 21.567 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY007595.D
Acq: 23 Feb 2022 13:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 76 Resp: 23972
Ion Ratio Lower Upper
76 100
78 32.7 25.0 37.6

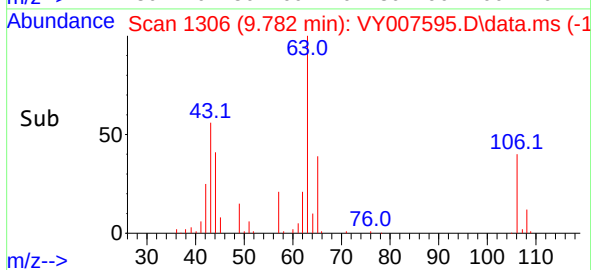
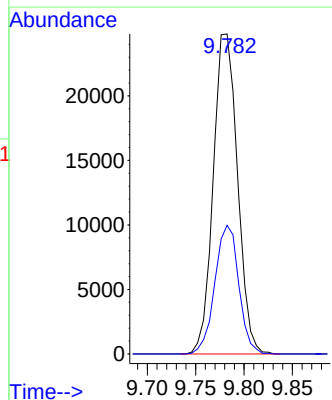
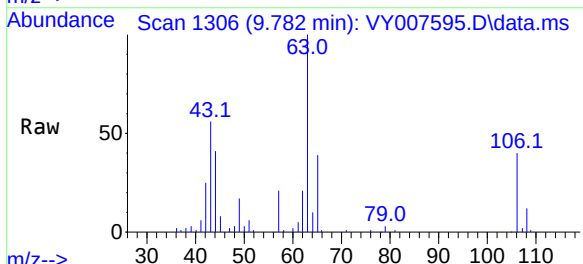
Manual Integrations
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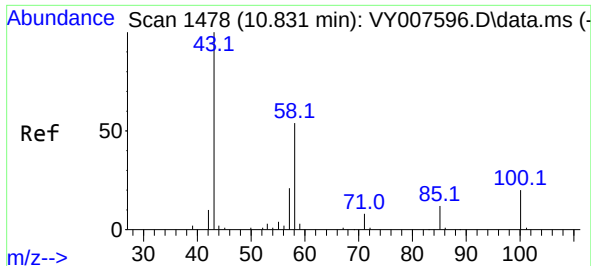
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#58
2-Chloroethyl Vinyl ether
Concen: 105.823 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY007595.D
Acq: 23 Feb 2022 13:21

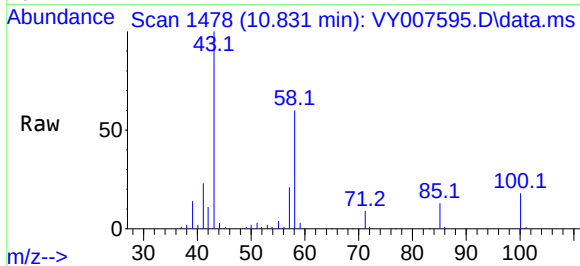
Tgt Ion: 63 Resp: 43283
Ion Ratio Lower Upper
63 100
106 39.6 21.5 32.3#





#59
2-Hexanone
Concen: 105.217 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY007595.D
Acq: 23 Feb 2022 13:21

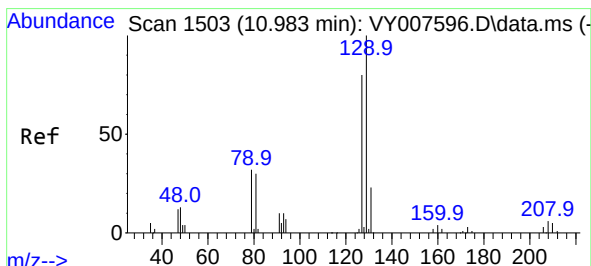
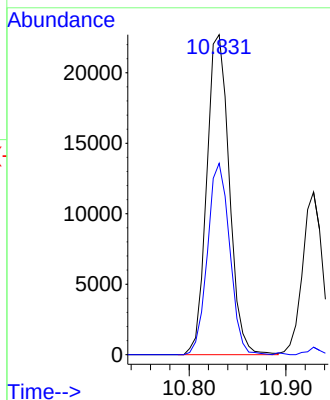
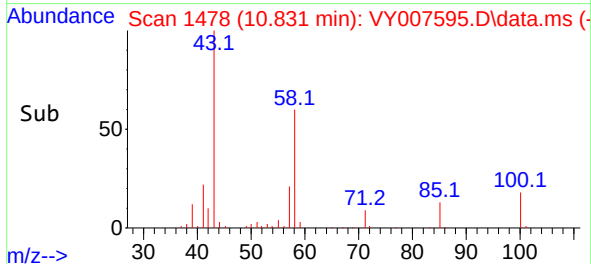
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



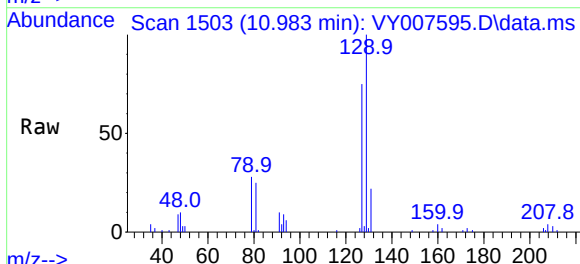
Tgt Ion: 43 Resp: 3674
Ion Ratio Lower Upper
43 100
58 59.0 24.4 73.4

Manual Integrations
APPROVED

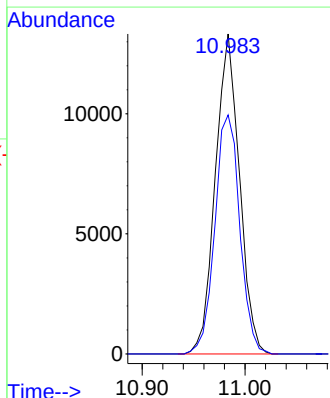
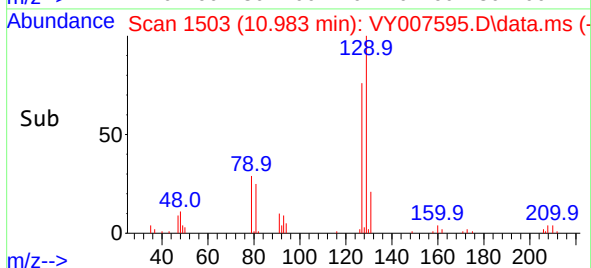
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

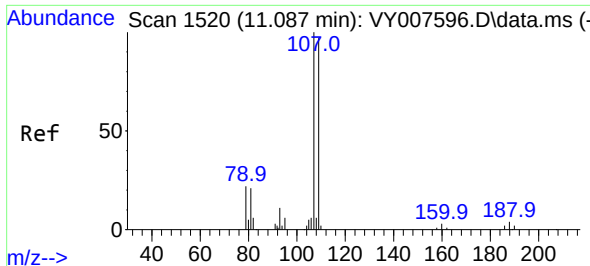


#60
Dibromochloromethane
Concen: 22.704 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY007595.D
Acq: 23 Feb 2022 13:21



Tgt Ion:129 Resp: 21694
Ion Ratio Lower Upper
129 100
127 77.2 38.7 116.1





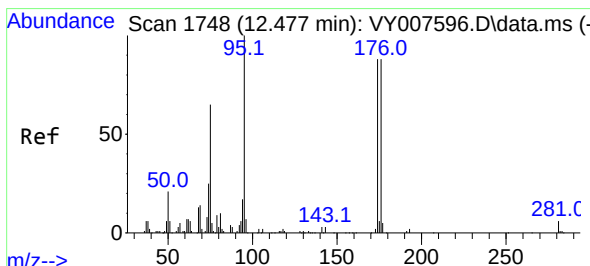
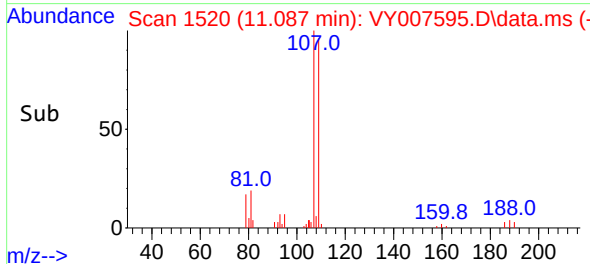
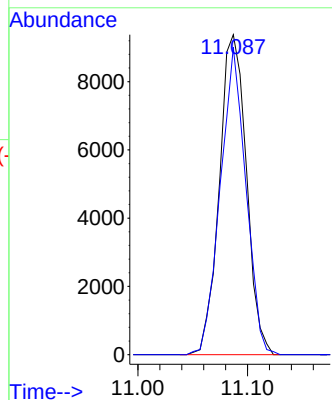
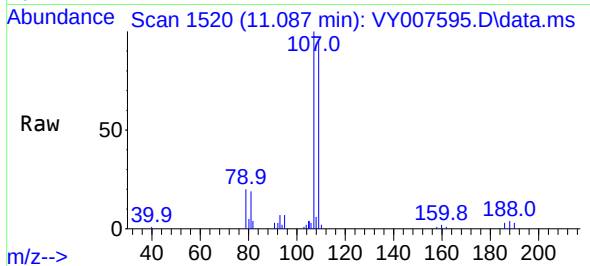
#61
1,2-Dibromoethane
Concen: 22.663 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY007595.D
Acq: 23 Feb 2022 13:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:107 Resp: 16059
Ion Ratio Lower Upper
107 100
109 90.8 75.4 113.2

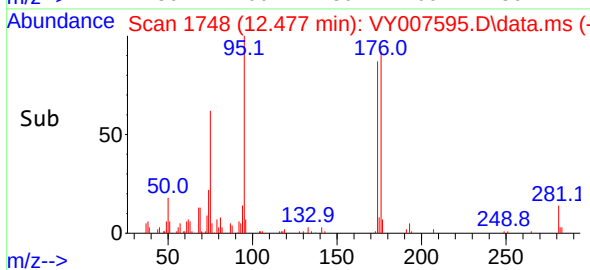
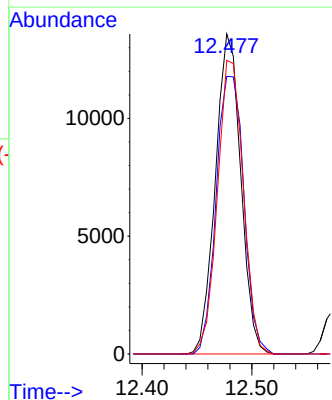
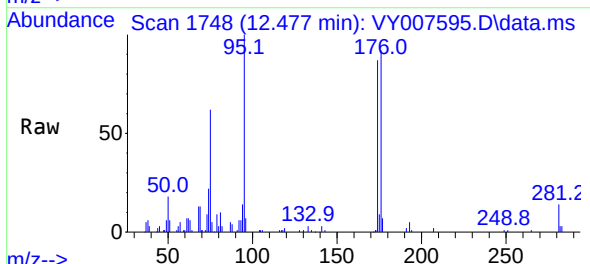
Manual Integrations
APPROVED

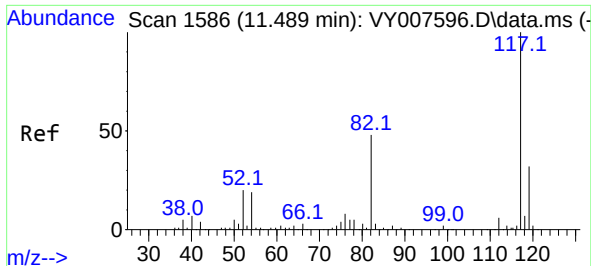
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#62
4-Bromofluorobenzene
Concen: 22.586 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY007595.D
Acq: 23 Feb 2022 13:21

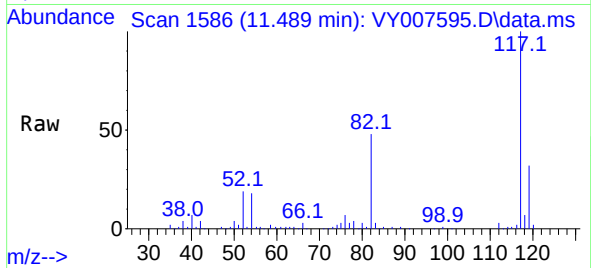
Tgt Ion: 95 Resp: 21862
Ion Ratio Lower Upper
95 100
174 94.2 0.0 177.0
176 93.4 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 116749
Delta R.T. 0.000 min
Lab File: VY007595.D
Acq: 23 Feb 2022 13:21

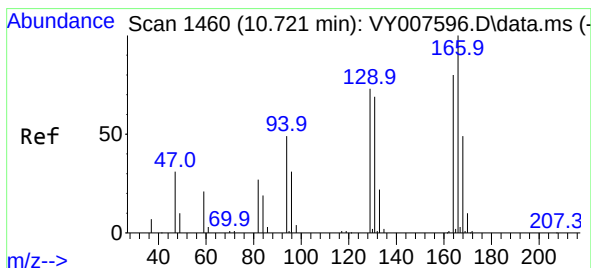
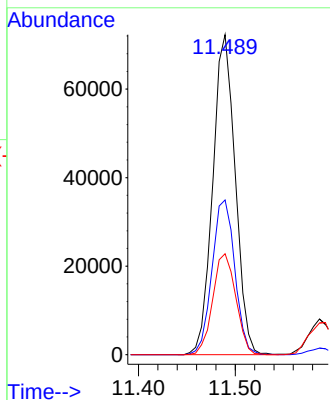
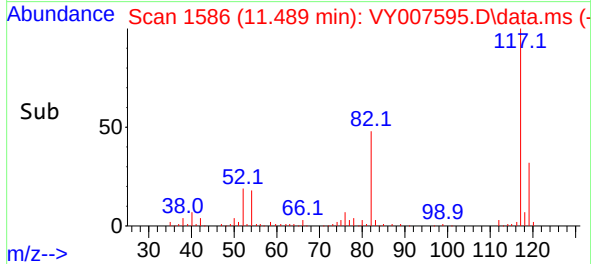
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



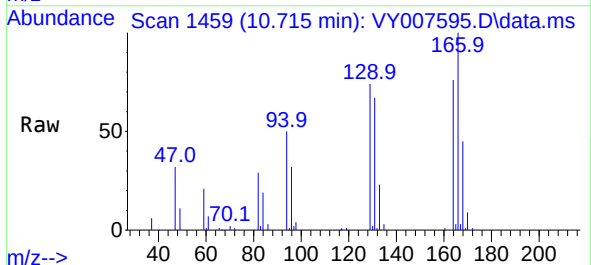
Tgt Ion:117 Resp: 116749
Ion Ratio Lower Upper
117 100
82 48.3 43.0 64.4
119 31.5 25.4 38.0

Manual Integrations
APPROVED

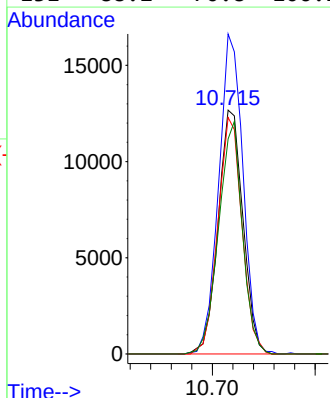
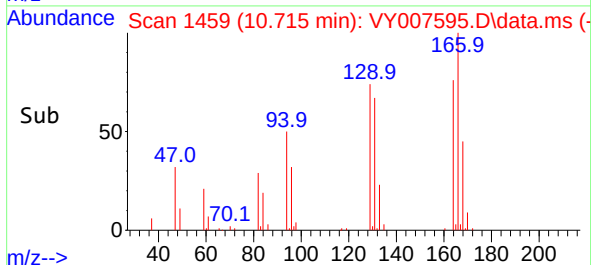
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

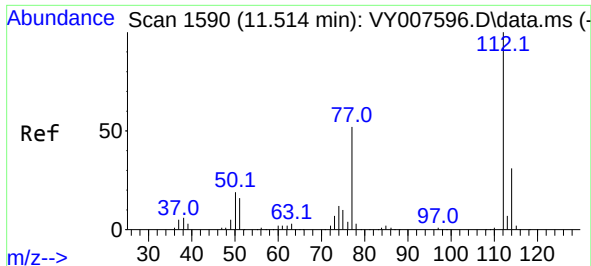


#64
Tetrachloroethene
Concen: 21.584 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY007595.D
Acq: 23 Feb 2022 13:21



Tgt Ion:164 Resp: 21193
Ion Ratio Lower Upper
164 100
166 131.2 100.4 150.6
129 97.0 71.4 107.0
131 88.2 70.8 106.2





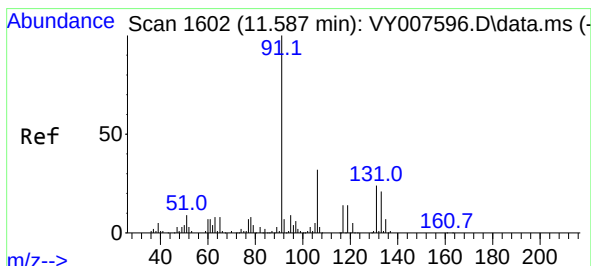
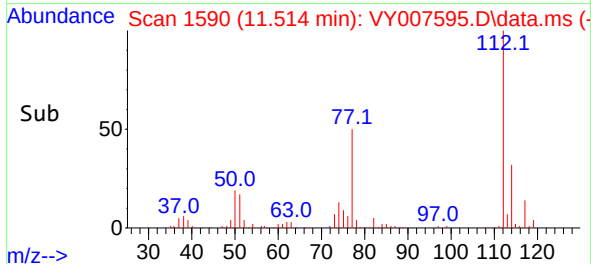
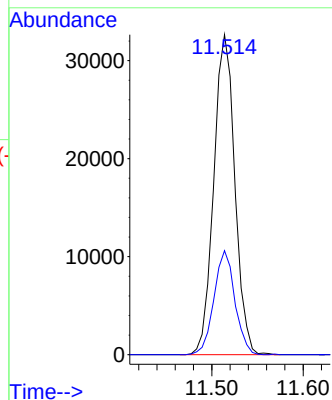
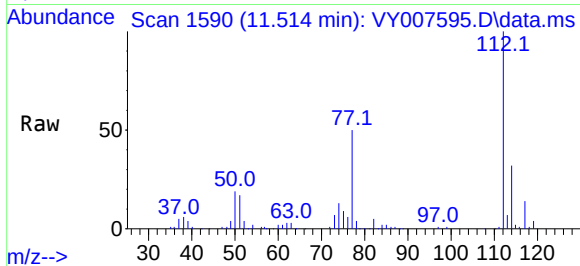
#65
Chlorobenzene
Concen: 21.030 ug/l
RT: 11.514 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VY007595.D
Acq: 23 Feb 2022 13:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 5229
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.6

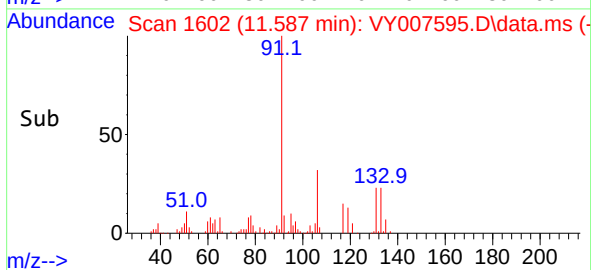
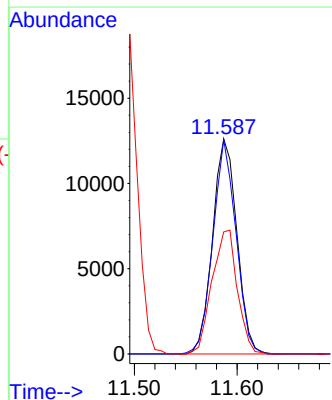
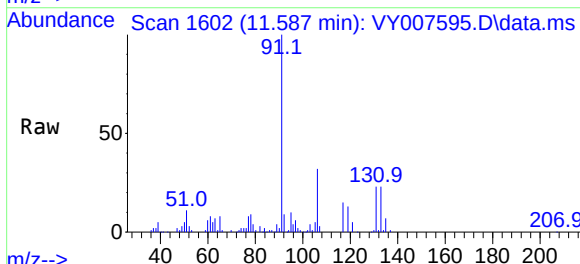
Manual Integrations
APPROVED

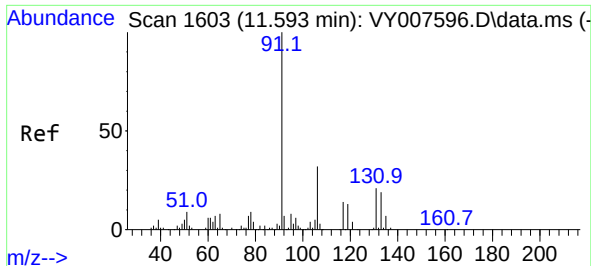
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 20.919 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY007595.D
Acq: 23 Feb 2022 13:21

Tgt Ion:131 Resp: 20727
Ion Ratio Lower Upper
131 100
133 94.7 47.9 143.6
119 60.0 30.8 92.3





#67

Ethyl Benzene

Concen: 20.253 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY007595.D

Acq: 23 Feb 2022 13:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 91 Resp: 8824

Ion Ratio Lower Upper

91 100

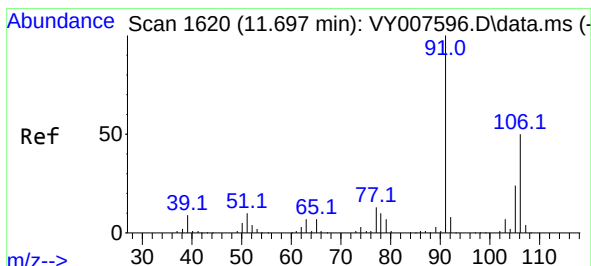
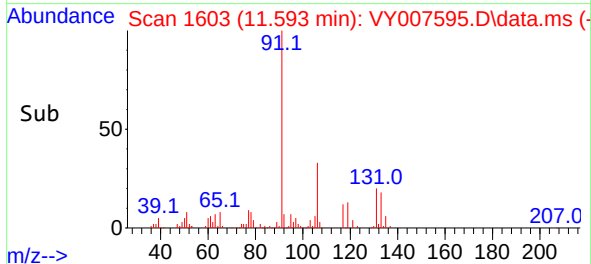
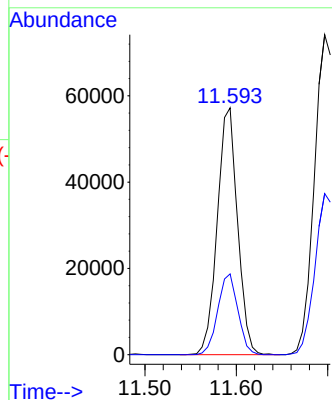
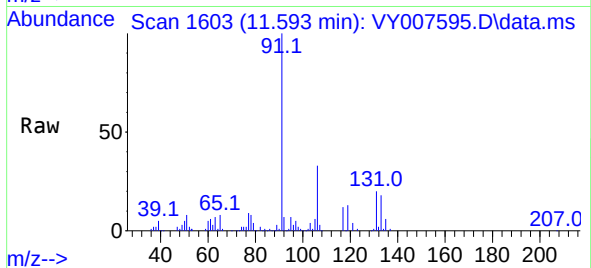
106 32.7 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#68

m/p-Xylenes

Concen: 40.891 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VY007595.D

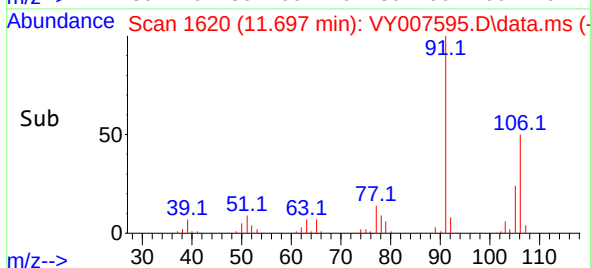
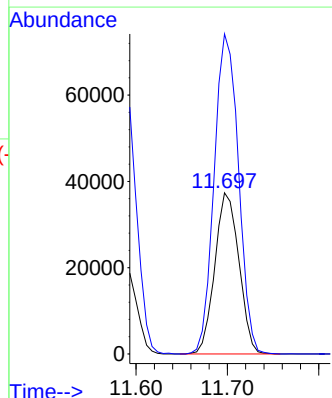
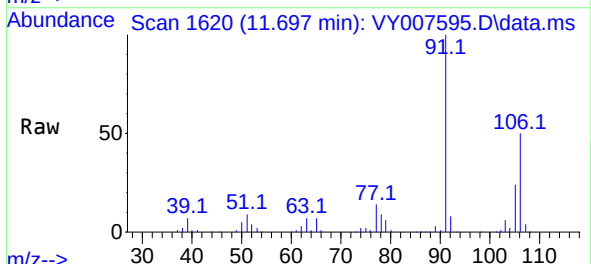
Acq: 23 Feb 2022 13:21

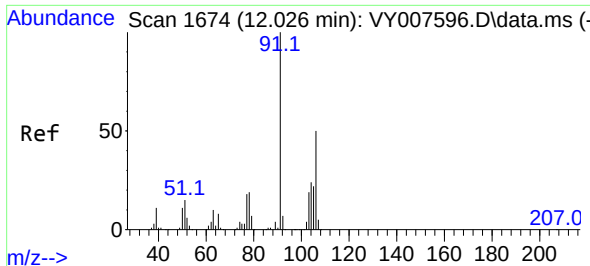
Tgt Ion:106 Resp: 68607

Ion Ratio Lower Upper

106 100

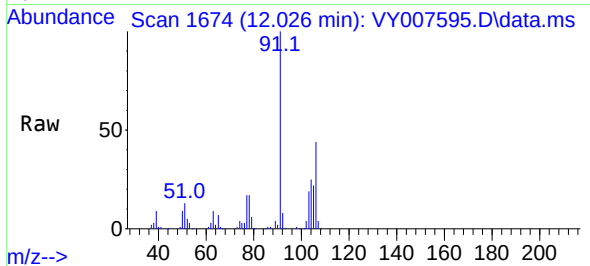
91 200.0 166.6 249.8





#69
o-Xylene
Concen: 20.861 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY007595.D
Acq: 23 Feb 2022 13:21

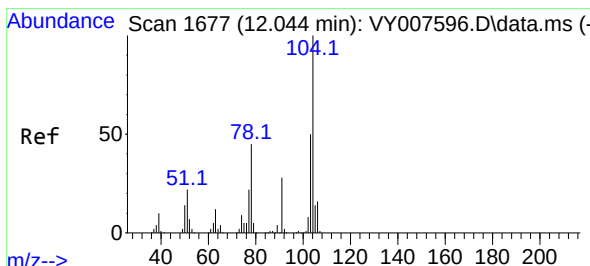
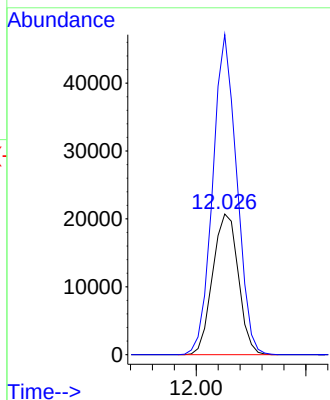
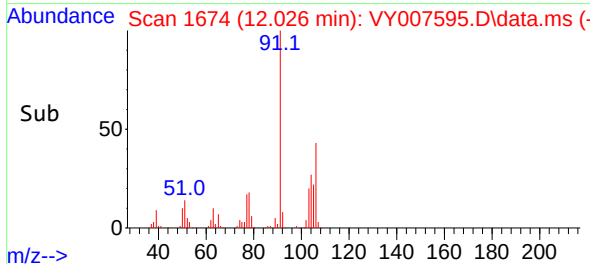
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion:106 Resp: 3369
Ion Ratio Lower Upper
106 100
91 213.3 110.3 331.0

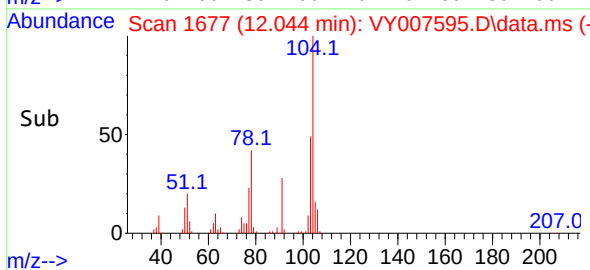
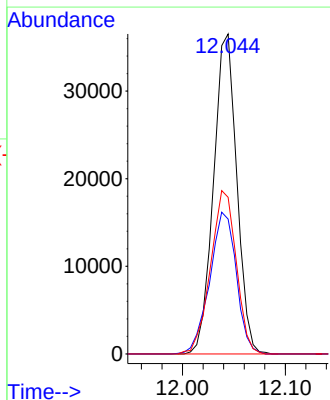
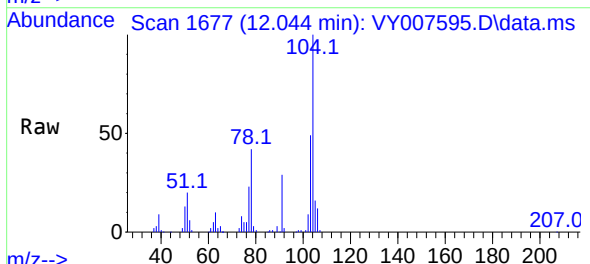
Manual Integrations
APPROVED

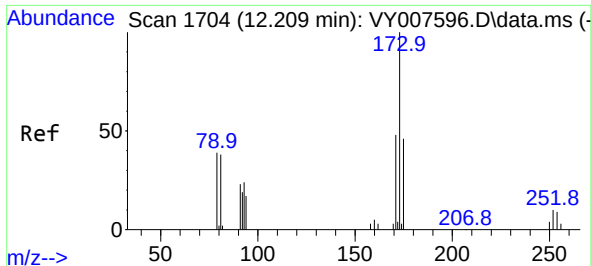
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#70
Styrene
Concen: 21.311 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY007595.D
Acq: 23 Feb 2022 13:21

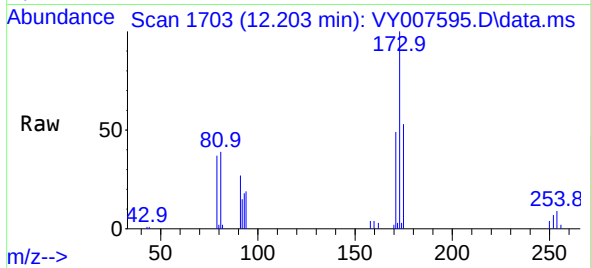
Tgt Ion:104 Resp: 57320
Ion Ratio Lower Upper
104 100
78 50.7 42.4 63.6
103 56.4 44.4 66.6





#71
Bromoform
Concen: 20.866 ug/l
RT: 12.203 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VY007595.D
Acq: 23 Feb 2022 13:21

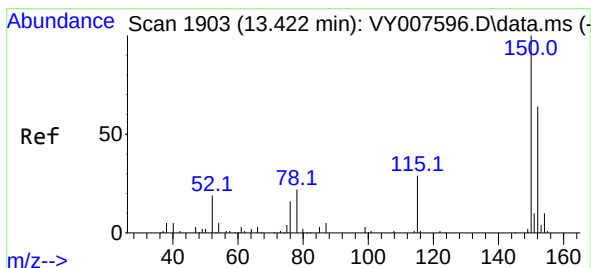
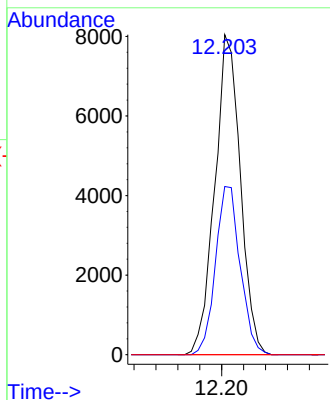
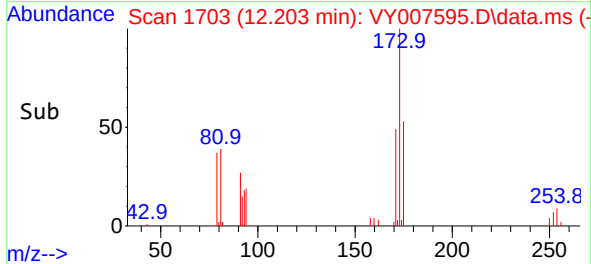
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



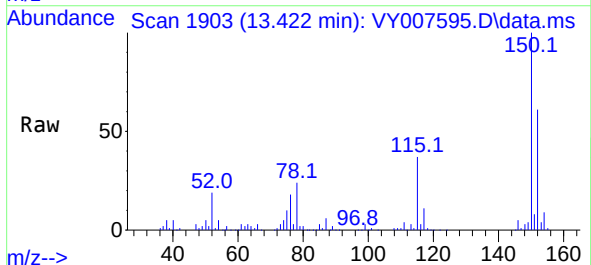
Tgt Ion:173 Resp: 13035
Ion Ratio Lower Upper
173 100
175 50.7 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
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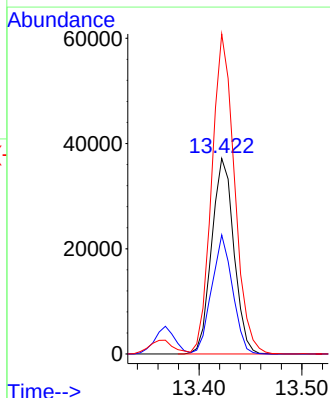
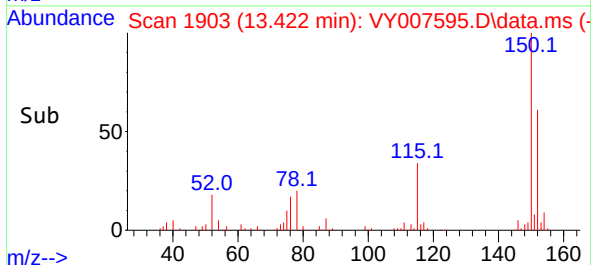
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

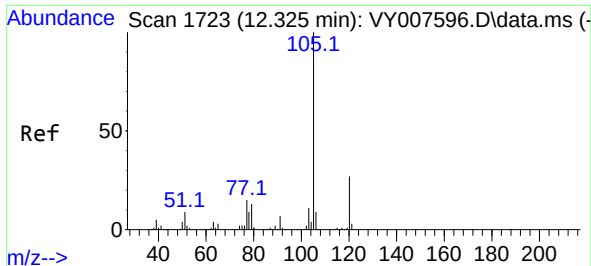


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY007595.D
Acq: 23 Feb 2022 13:21



Tgt Ion:152 Resp: 55708
Ion Ratio Lower Upper
152 100
115 57.3 28.2 84.7
150 167.6 0.0 347.6





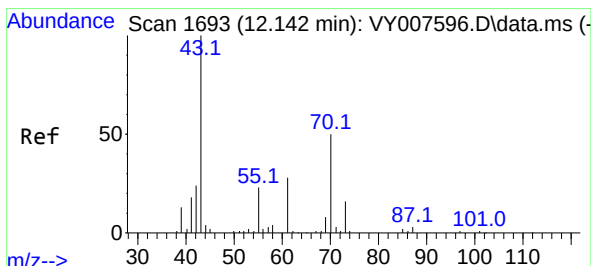
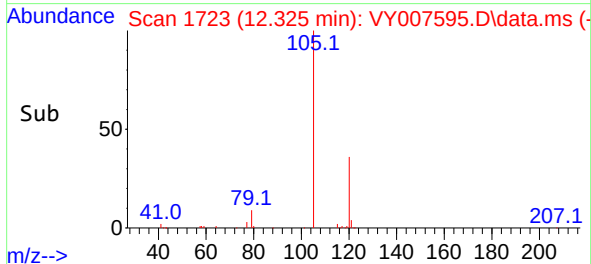
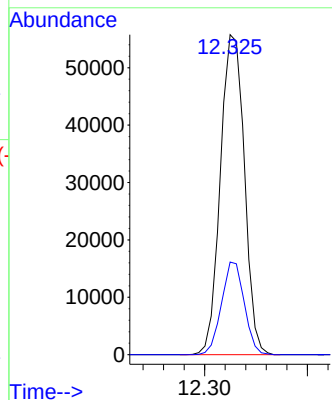
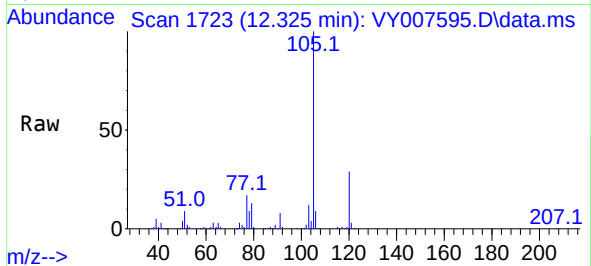
#73
Isopropylbenzene
Concen: 20.473 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VY007595.D
Acq: 23 Feb 2022 13:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:105 Resp: 90432
Ion Ratio Lower Upper
105 100
120 27.5 13.4 40.2

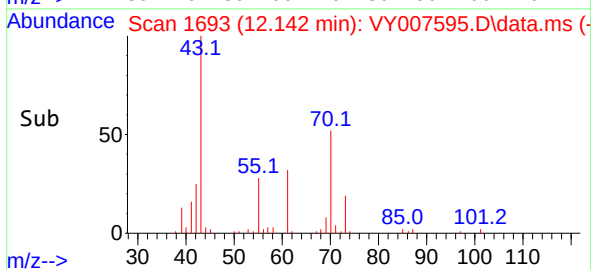
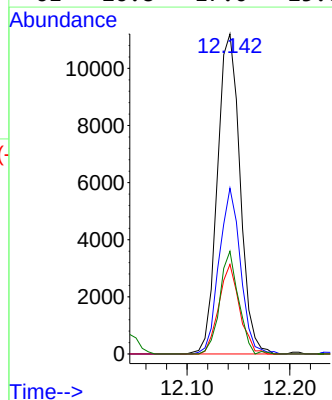
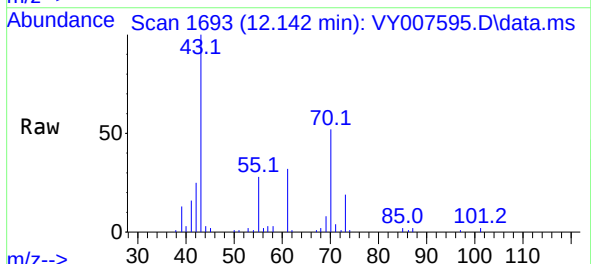
Manual Integrations
APPROVED

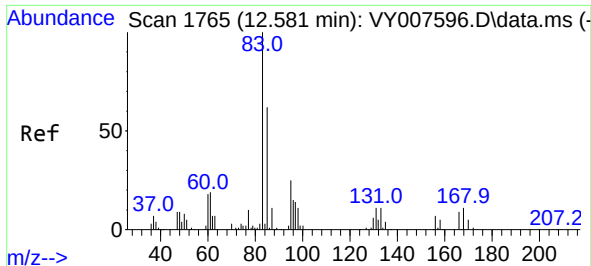
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#74
N-ethyl acetate
Concen: 20.509 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY007595.D
Acq: 23 Feb 2022 13:21

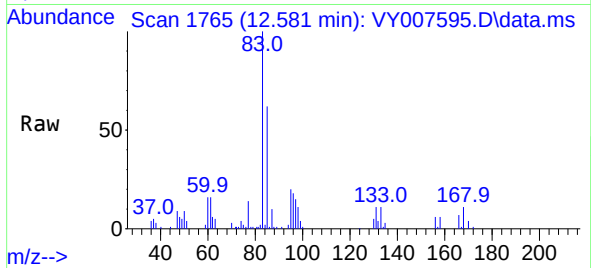
Tgt Ion: 43 Resp: 17106
Ion Ratio Lower Upper
43 100
70 49.1 28.7 43.1#
55 25.6 17.3 25.9
61 26.8 17.0 25.6#





#75
1,1,2,2-Tetrachloroethane
Concen: 21.703 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY007595.D
Acq: 23 Feb 2022 13:21

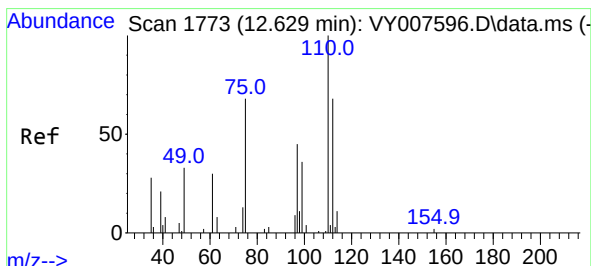
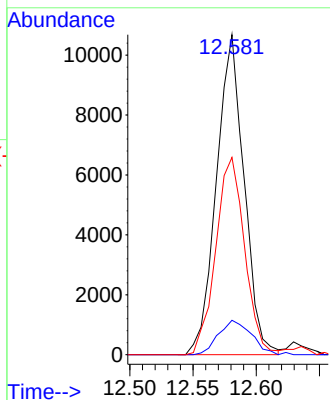
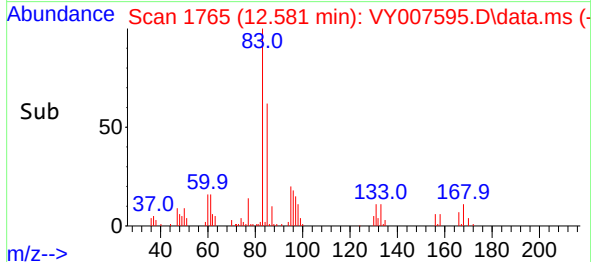
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



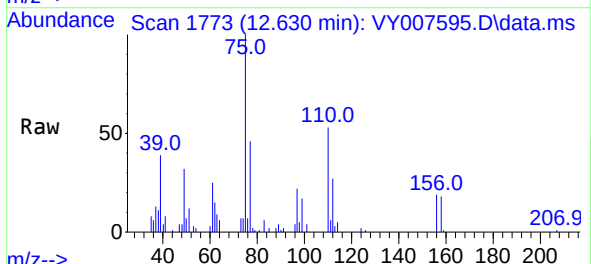
Tgt Ion: 83 Resp: 16240
Ion Ratio Lower Upper
83 100
131 12.9 5.6 16.8
85 64.4 32.3 96.8

Manual Integrations
APPROVED

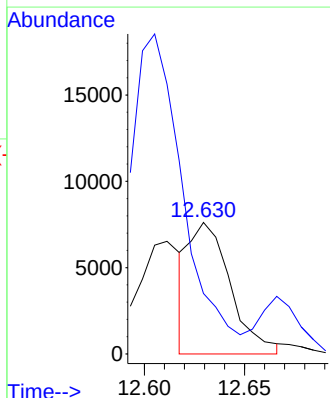
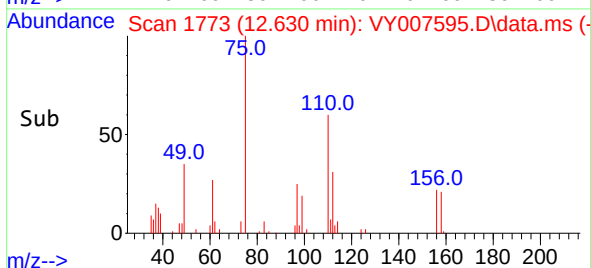
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

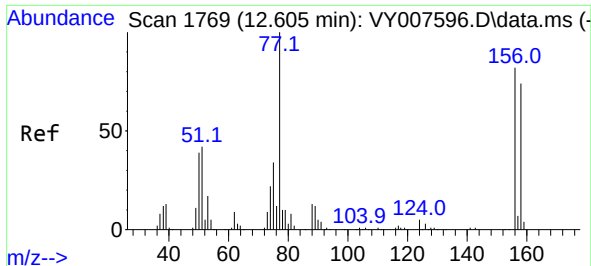


#76
1,2,3-Trichloropropane
Concen: 17.613 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY007595.D
Acq: 23 Feb 2022 13:21



Tgt Ion: 75 Resp: 10975
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





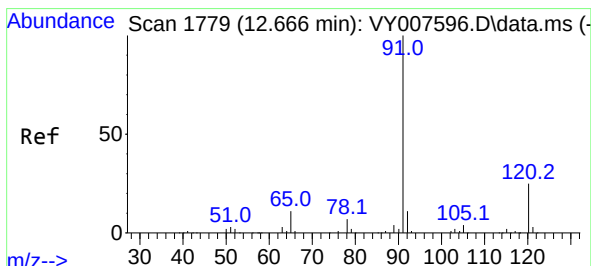
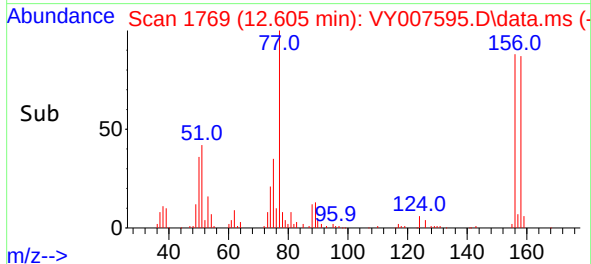
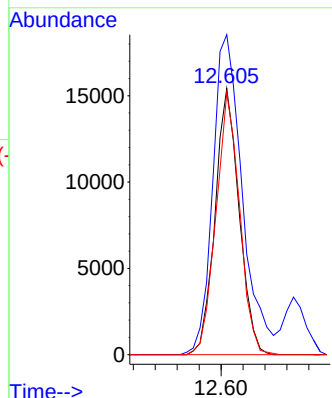
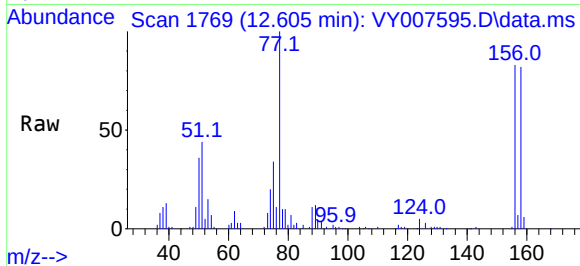
#77
Bromobenzene
Concen: 22.245 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY007595.D
Acq: 23 Feb 2022 13:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:156 Resp: 2350
Ion Ratio Lower Upper
156 100
77 147.0 95.5 286.4
158 96.5 48.0 144.0

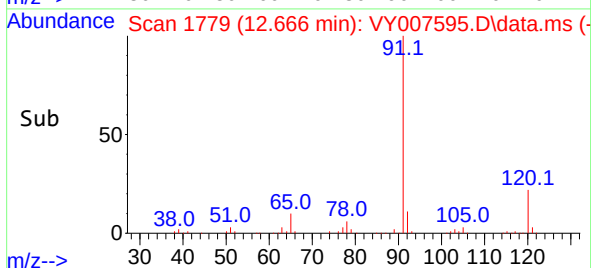
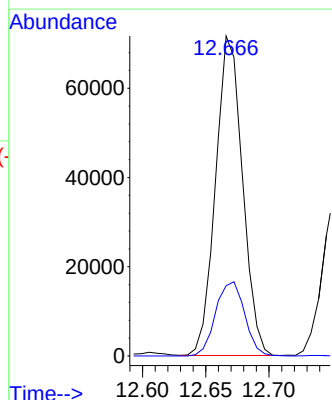
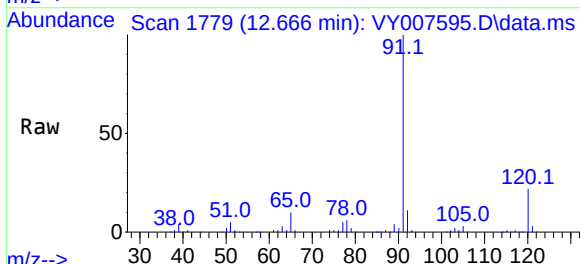
Manual Integrations
APPROVED

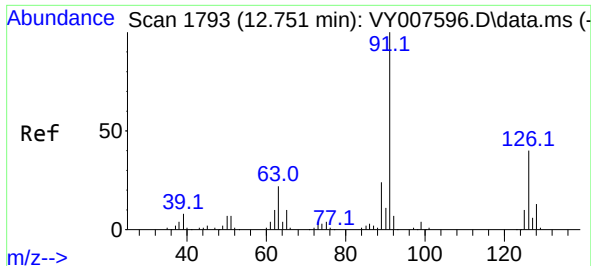
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#78
n-propylbenzene
Concen: 20.556 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY007595.D
Acq: 23 Feb 2022 13:21

Tgt Ion: 91 Resp: 105879
Ion Ratio Lower Upper
91 100
120 25.0 11.3 33.9





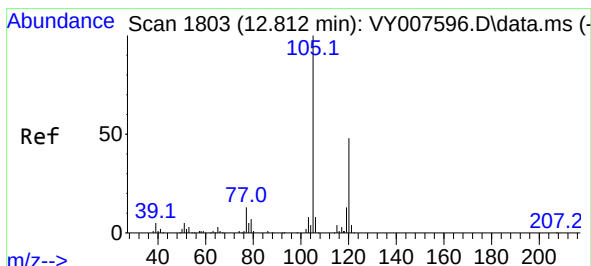
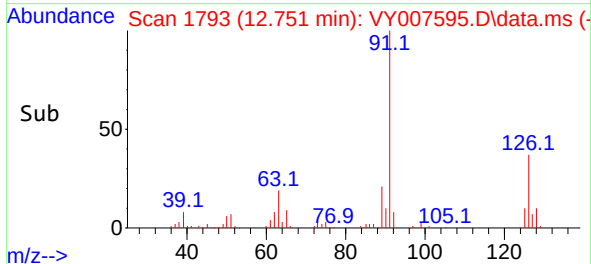
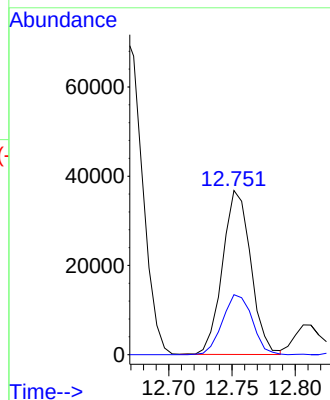
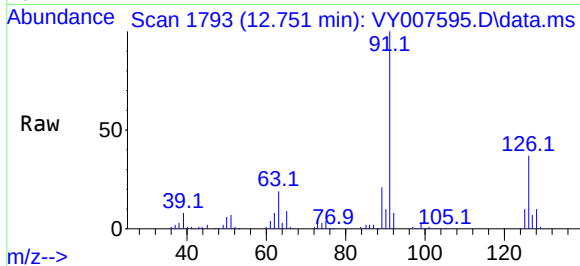
#79
2-Chlorotoluene
Concen: 19.976 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VY007595.D
Acq: 23 Feb 2022 13:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 57240
Ion Ratio Lower Upper
91 100
126 38.4 16.9 50.6

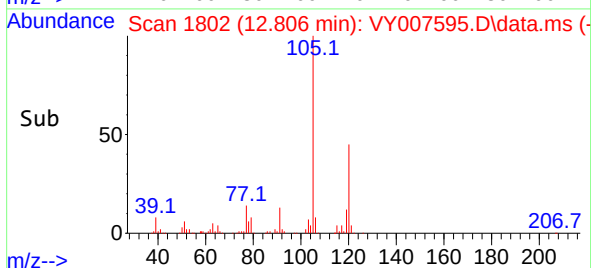
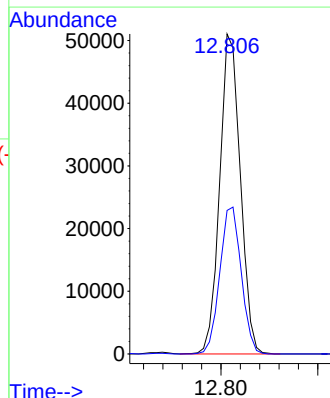
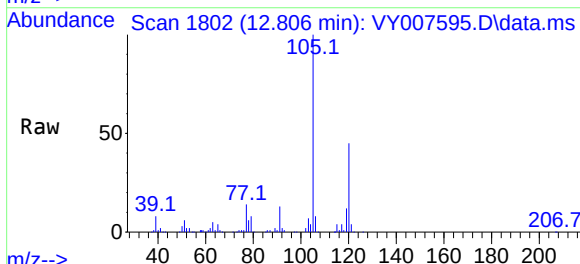
Manual Integrations
APPROVED

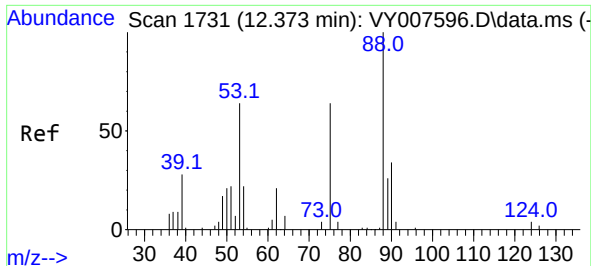
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.347 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY007595.D
Acq: 23 Feb 2022 13:21

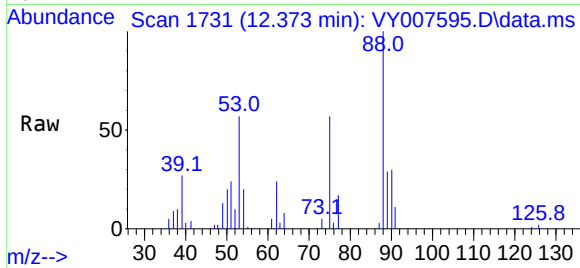
Tgt Ion:105 Resp: 75491
Ion Ratio Lower Upper
105 100
120 47.7 24.4 73.4





#81
trans-1,4-Dichloro-2-butene
Concen: 19.006 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY007595.D
Acq: 23 Feb 2022 13:21

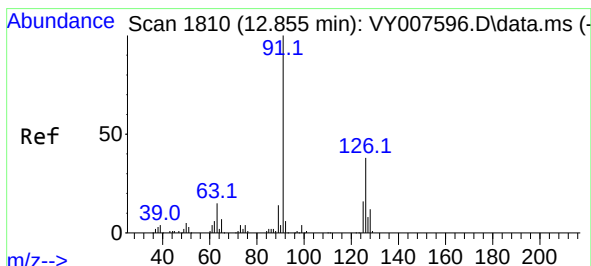
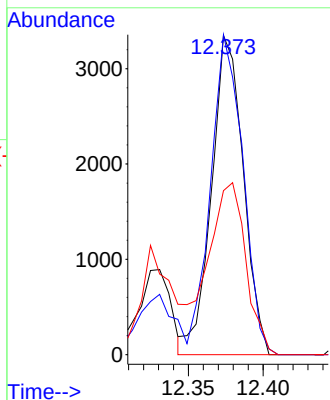
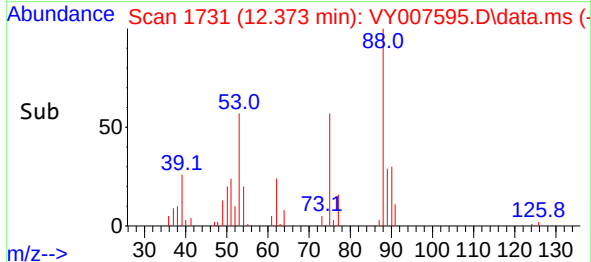
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



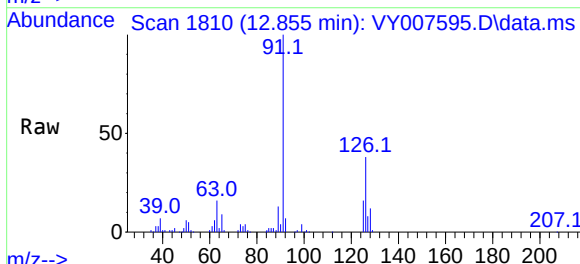
Tgt Ion: 75 Resp: 4944
Ion Ratio Lower Upper
75 100
53 101.8 85.3 127.9
89 63.4 37.0 55.4

Manual Integrations
APPROVED

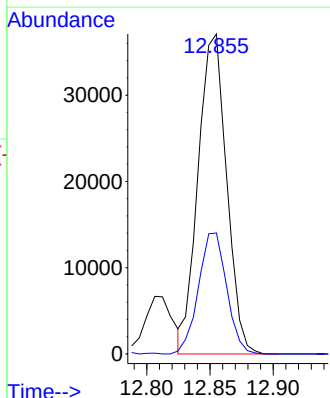
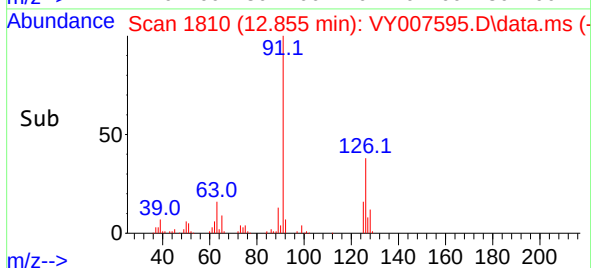
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

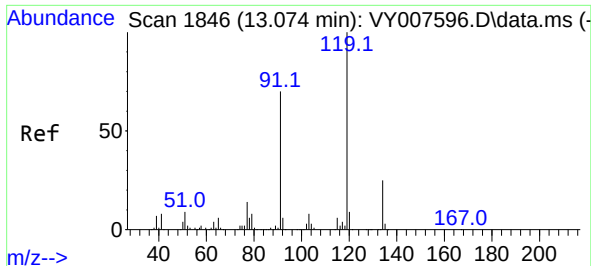


#82
4-Chlorotoluene
Concen: 19.883 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY007595.D
Acq: 23 Feb 2022 13:21



Tgt Ion: 91 Resp: 58132
Ion Ratio Lower Upper
91 100
126 37.5 17.0 51.0





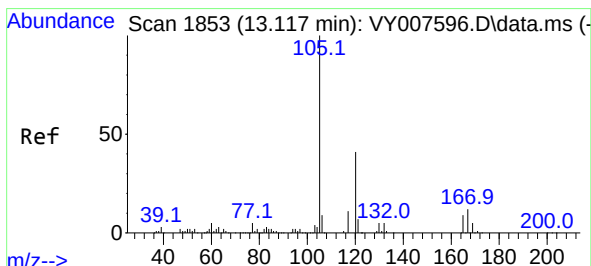
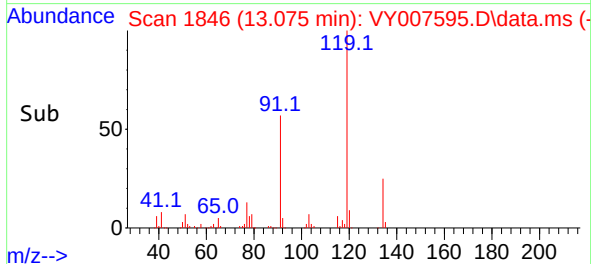
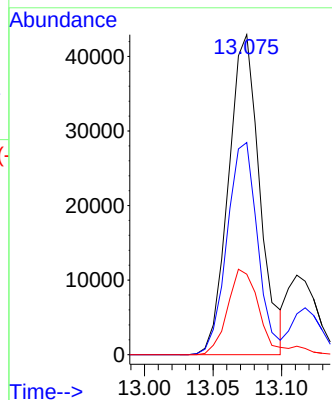
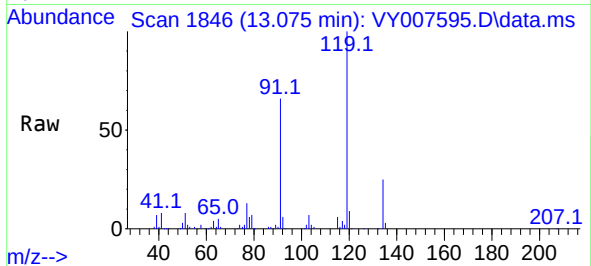
#83
tert-Butylbenzene
Concen: 20.509 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY007595.D
Acq: 23 Feb 2022 13:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:119 Resp: 68130
Ion Ratio Lower Upper
119 100
91 64.9 34.8 104.4
134 28.1 13.3 39.9

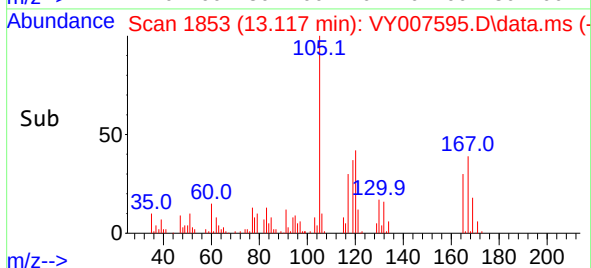
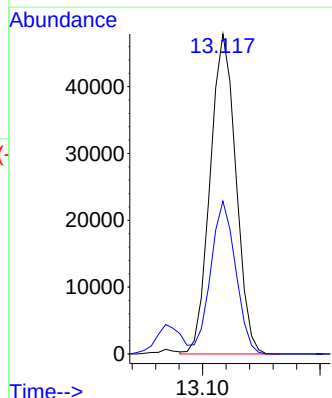
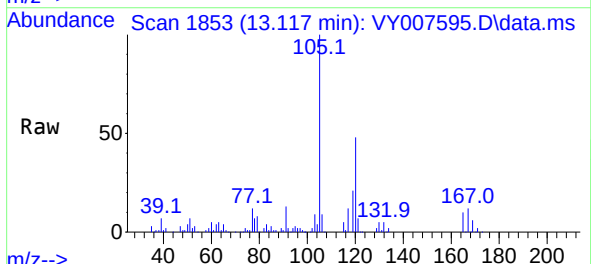
Manual Integrations
APPROVED

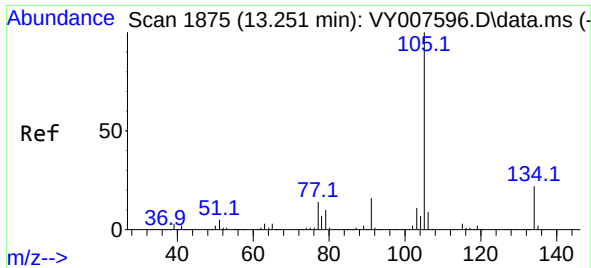
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#84
1,2,4-Trimethylbenzene
Concen: 20.026 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY007595.D
Acq: 23 Feb 2022 13:21

Tgt Ion:105 Resp: 72874
Ion Ratio Lower Upper
105 100
120 46.5 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 19.891 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY007595.D
 Acq: 23 Feb 2022 13:21

Instrument :

MSVOA_Y

ClientSampleId :

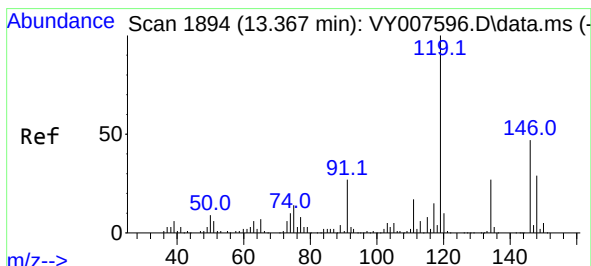
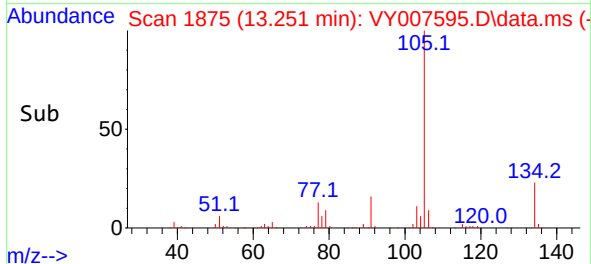
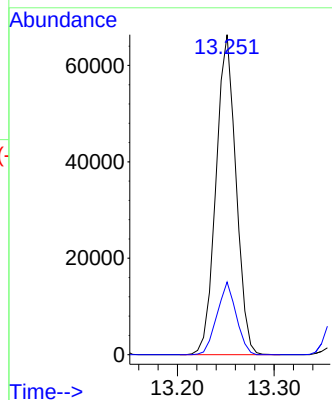
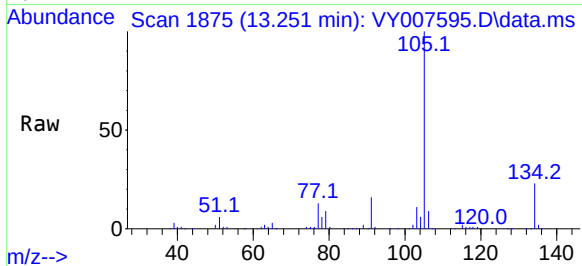
VSTDIC020

Tgt Ion:105 Resp: 95095
 Ion Ratio Lower Upper
 105 100
 134 21.8 10.2 30.4

Manual Integrations

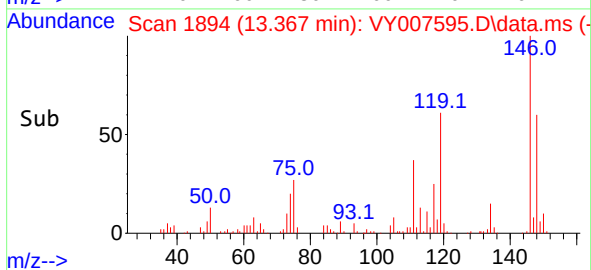
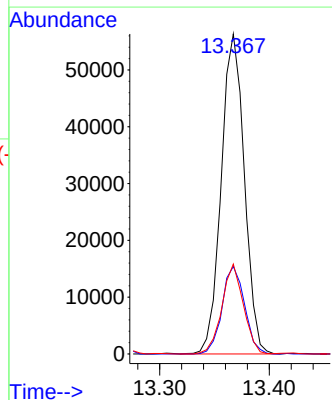
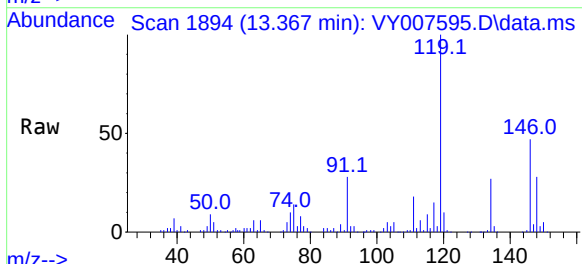
APPROVED

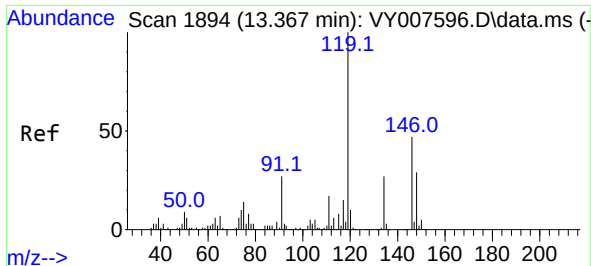
Reviewed By :John Carlone 02/24/2022
 Supervised By :Mahesh Dadoda 02/24/2022



#86
 p-Isopropyltoluene
 Concen: 20.281 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY007595.D
 Acq: 23 Feb 2022 13:21

Tgt Ion:119 Resp: 82588
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.2 39.5
 91 26.1 12.4 37.2





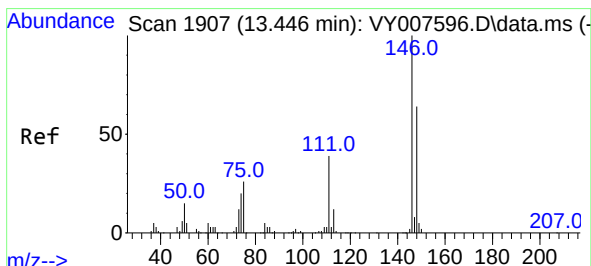
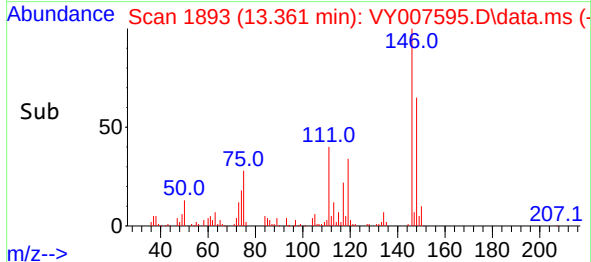
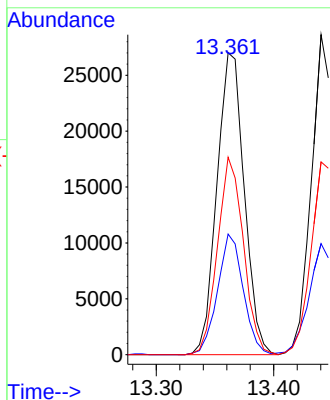
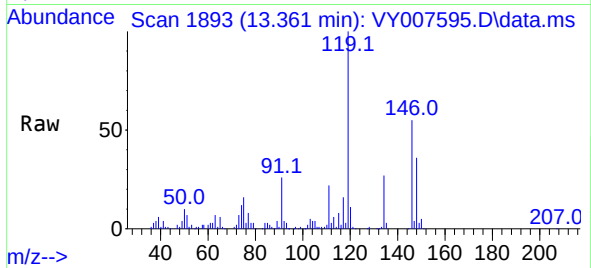
#87
1,3-Dichlorobenzene
Concen: 21.705 ug/l
RT: 13.361 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007595.D
Acq: 23 Feb 2022 13:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:146 Resp: 43669
Ion Ratio Lower Upper
146 100
111 37.6 19.5 58.5
148 62.1 31.6 95.0

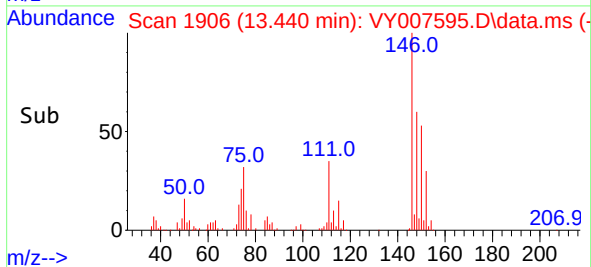
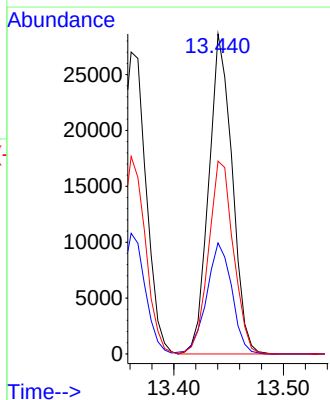
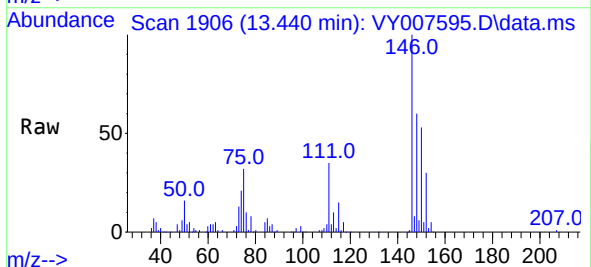
Manual Integrations
APPROVED

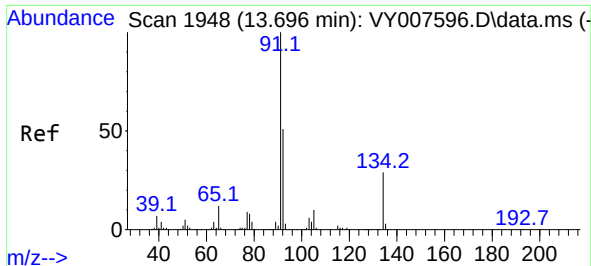
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#88
1,4-Dichlorobenzene
Concen: 21.489 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY007595.D
Acq: 23 Feb 2022 13:21

Tgt Ion:146 Resp: 42516
Ion Ratio Lower Upper
146 100
111 37.5 19.3 57.8
148 64.2 32.6 97.8





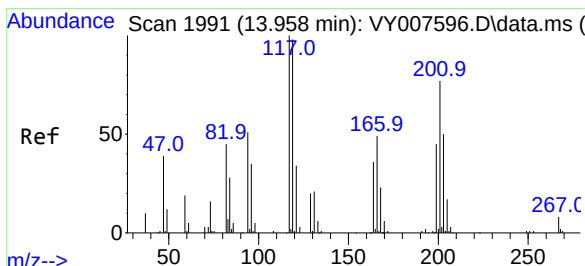
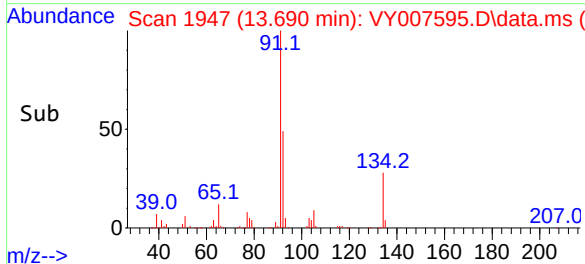
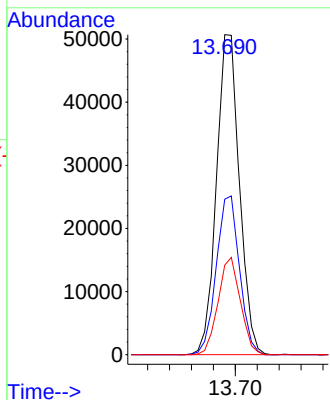
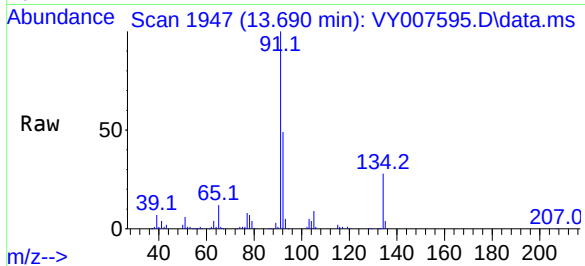
#89
n-Butylbenzene
Concen: 19.951 ug/l
RT: 13.690 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VY007595.D
Acq: 23 Feb 2022 13:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 7374
Ion Ratio Lower Upper
91 100
92 50.1 26.3 78.9
134 29.5 13.0 38.9

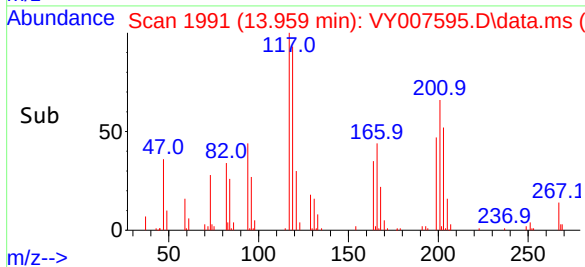
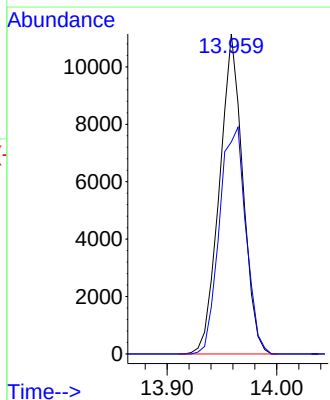
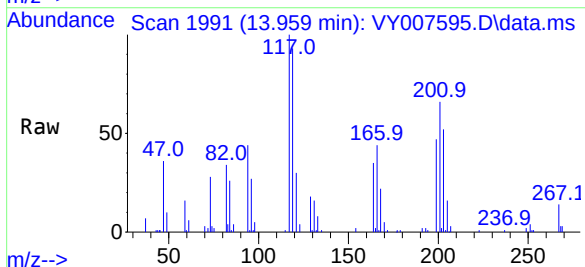
Manual Integrations
APPROVED

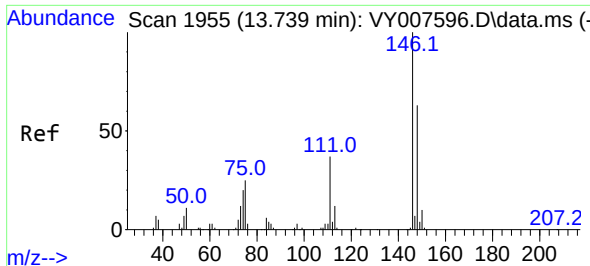
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#90
Hexachloroethane
Concen: 20.325 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY007595.D
Acq: 23 Feb 2022 13:21

Tgt Ion:117 Resp: 16461
Ion Ratio Lower Upper
117 100
201 80.4 43.0 128.8





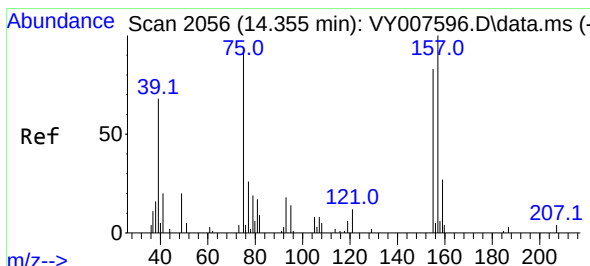
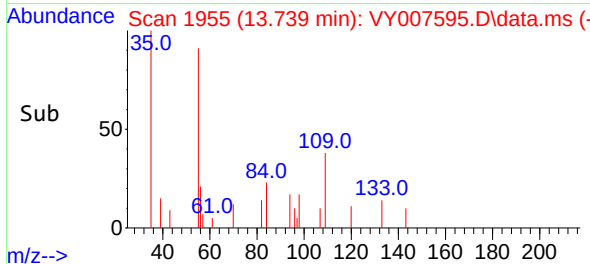
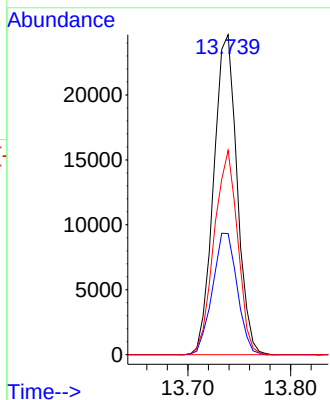
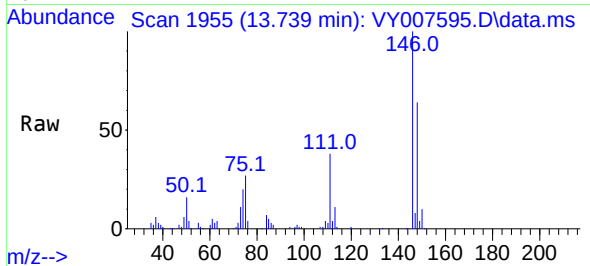
#91
1,2-Dichlorobenzene
Concen: 21.710 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY007595.D
Acq: 23 Feb 2022 13:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:146 Resp: 3890
Ion Ratio Lower Upper
146 100
111 40.2 20.3 60.9
148 64.4 32.3 96.9

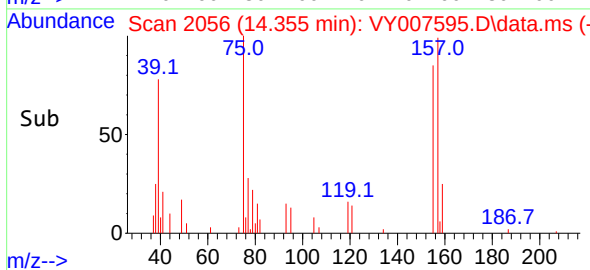
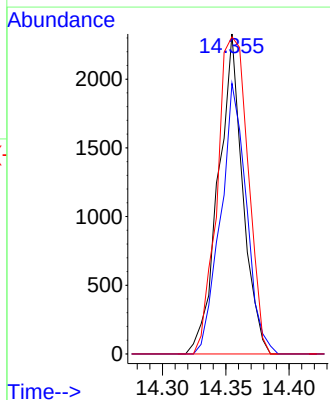
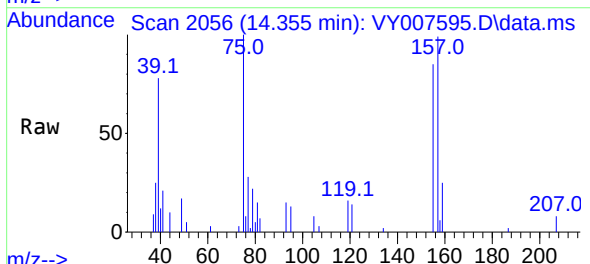
Manual Integrations
APPROVED

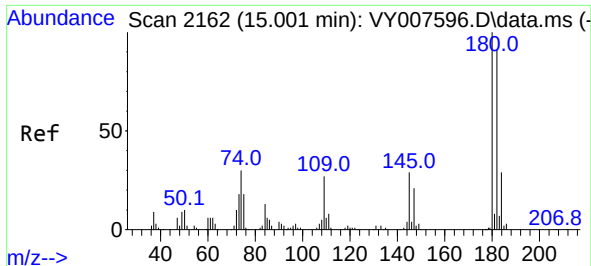
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.450 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY007595.D
Acq: 23 Feb 2022 13:21

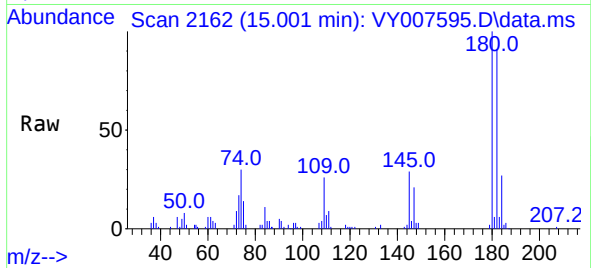
Tgt Ion: 75 Resp: 3140
Ion Ratio Lower Upper
75 100
155 88.8 38.0 113.9
157 125.1 47.8 143.3





#93
1,2,4-Trichlorobenzene
Concen: 22.369 ug/l
RT: 15.001 min Scan# 2162
Delta R.T. 0.000 min
Lab File: VY007595.D
Acq: 23 Feb 2022 13:21

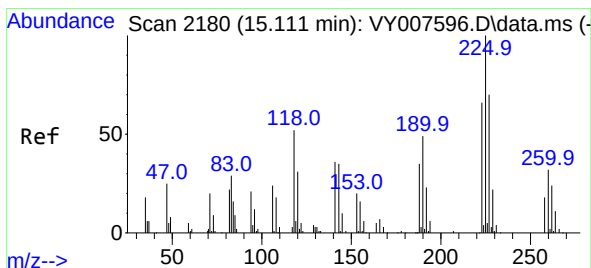
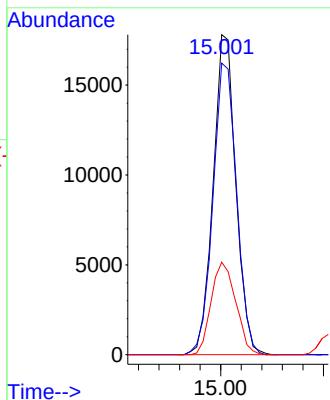
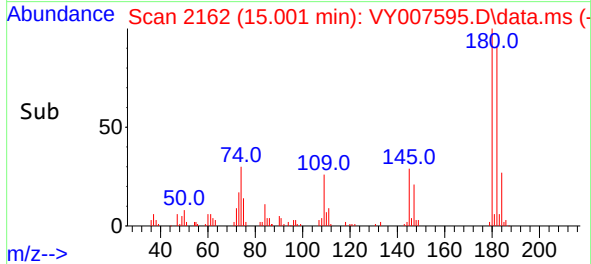
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



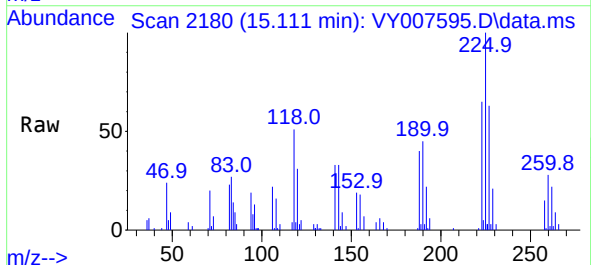
Tgt Ion:180 Resp: 27280
Ion Ratio Lower Upper
180 100
182 94.9 47.3 141.9
145 31.3 14.6 43.8

Manual Integrations
APPROVED

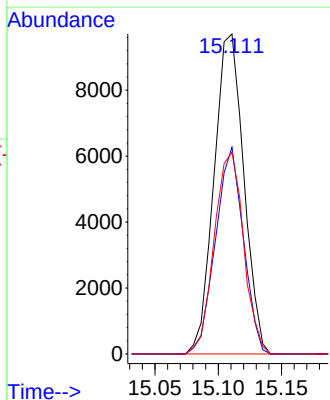
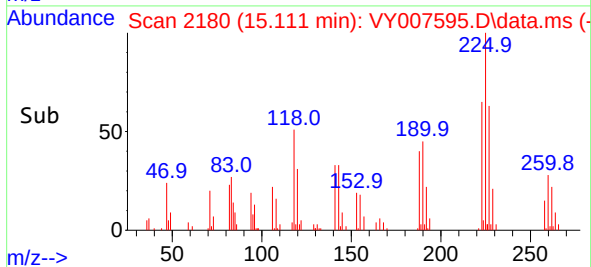
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

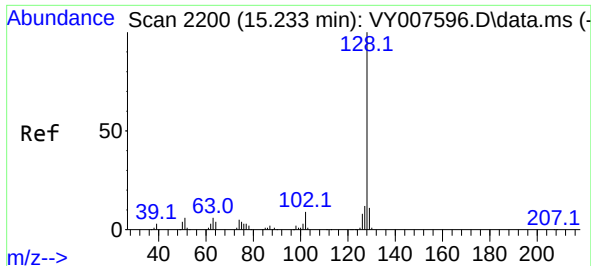


#94
Hexachlorobutadiene
Concen: 21.820 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. 0.000 min
Lab File: VY007595.D
Acq: 23 Feb 2022 13:21



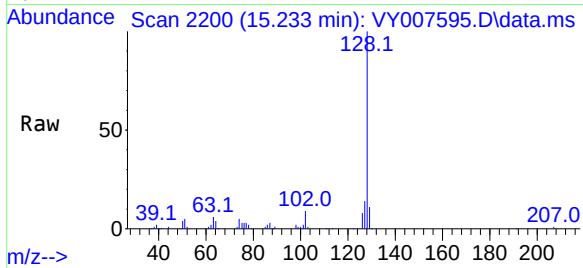
Tgt Ion:225 Resp: 15854
Ion Ratio Lower Upper
225 100
223 60.6 30.8 92.3
227 62.1 31.6 94.7





#95
Naphthalene
Concen: 23.242 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. 0.000 min
Lab File: VY007595.D
Acq: 23 Feb 2022 13:21

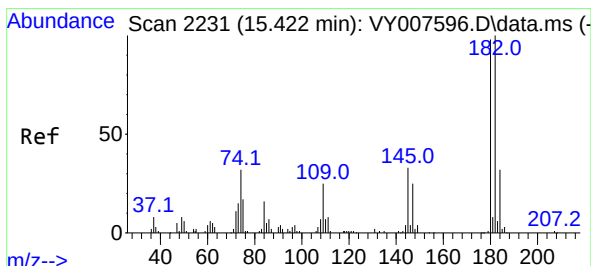
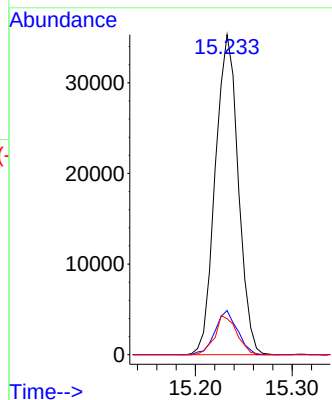
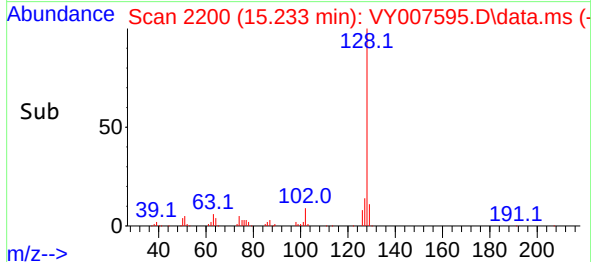
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



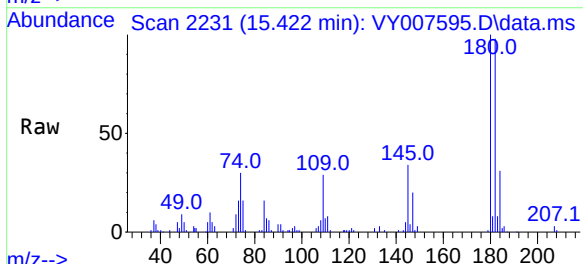
Tgt Ion:128 Resp: 5825
Ion Ratio Lower Upper
128 100
127 13.4 11.0 16.4
129 11.7 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#96
1,2,3-Trichlorobenzene
Concen: 22.676 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. 0.000 min
Lab File: VY007595.D
Acq: 23 Feb 2022 13:21



Tgt Ion:180 Resp: 23880
Ion Ratio Lower Upper
180 100
182 92.5 47.3 141.9
145 34.6 15.3 45.9

