

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022322\
 Data File : VY007593.D
 Acq On : 23 Feb 2022 12:13
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

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

Quant Time: Feb 23 15:09:28 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	85624	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	134694	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	124390	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	64579	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	4654	5.263	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	10.520%#		
35) Dibromofluoromethane	7.722	113	4165	4.957	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	9.920%#		
50) Toluene-d8	10.179	98	14997	5.129	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	10.260%#		
62) 4-Bromofluorobenzene	12.483	95	5864	5.580	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	11.160%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	6084	5.606	ug/l	93
3) Chloromethane	2.113	50	6633	6.860	ug/l	97
4) Vinyl Chloride	2.253	62	6847	6.675	ug/l #	88
5) Bromomethane	2.656	94	6094	7.915	ug/l	98
6) Chloroethane	2.796	64	4447	6.853	ug/l #	83
7) Trichlorofluoromethane	3.125	101	14122	6.372	ug/l	95
8) Diethyl Ether	3.527	74	3223	5.933	ug/l	51
9) 1,1,2-Trichlorotrifluo...	3.893	101	6001	5.859	ug/l	95
10) Methyl Iodide	4.088	142	6112	5.059	ug/l	90
11) Tert butyl alcohol	4.954	59	2253	27.497	ug/l #	84
12) 1,1-Dichloroethene	3.875	96	5233	5.669	ug/l #	76
13) Acrolein	3.735	56	2622	35.463	ug/l	96
14) Allyl chloride	4.478	41	4572	4.899	ug/l #	53
15) Acrylonitrile	5.161	53	5230	26.542	ug/l #	90
16) Acetone	3.948	43	5205	24.913	ug/l #	87
17) Carbon Disulfide	4.198	76	14228	5.982	ug/l	98
18) Methyl Acetate	4.478	43	3063	6.667	ug/l #	64
19) Methyl tert-butyl Ether	5.222	73	13209	5.306	ug/l	97
20) Methylene Chloride	4.716	84	7253	6.925	ug/l #	70
21) trans-1,2-Dichloroethene	5.216	96	5441	5.854	ug/l #	76
22) Diisopropyl ether	6.118	45	10125	5.377	ug/l #	89
23) Vinyl Acetate	6.064	43	31101	24.076	ug/l #	86
24) 1,1-Dichloroethane	6.021	63	7601	5.306	ug/l	96
25) 2-Butanone	6.984	43	5631	24.312	ug/l #	63
26) 2,2-Dichloropropane	6.978	77	8687	5.424	ug/l	94
27) cis-1,2-Dichloroethene	6.996	96	5955	5.640	ug/l	79
28) Bromochloromethane	7.338	49	2399	5.063	ug/l #	17
29) Tetrahydrofuran	7.344	42	3485	25.934	ug/l #	55
30) Chloroform	7.502	83	9801	5.537	ug/l	92
31) Cyclohexane	7.783	56	8601	6.856	ug/l #	64
32) 1,1,1-Trichloroethane	7.710	97	9971	5.545	ug/l	94
36) 1,1-Dichloropropene	7.917	75	7115	5.654	ug/l	91
37) Ethyl Acetate	7.082	43	2763	5.383	ug/l #	90
38) Carbon Tetrachloride	7.899	117	10021	5.763	ug/l	91
39) Methylcyclohexane	9.179	83	9426	5.915	ug/l #	81
40) Benzene	8.161	78	19493	5.724	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	1497m	5.505	ug/l	
42) 1,2-Dichloroethane	8.240	62	6583	5.548	ug/l	95
43) Isopropyl Acetate	8.264	43	5412	5.140	ug/l #	81
44) Trichloroethene	8.935	130	7284	6.371	ug/l	80
45) 1,2-Dichloropropane	9.215	63	3969	5.267	ug/l #	81
46) Dibromomethane	9.301	93	3358	5.696	ug/l	97
47) Bromodichloromethane	9.496	83	7699	5.564	ug/l #	85
48) Methyl methacrylate	9.295	41	2282	5.091	ug/l #	59
49) 1,4-Dioxane	9.289	88	799	118.000	ug/l #	65
51) 4-Methyl-2-Pentanone	10.069	43	13374	25.516	ug/l	89
52) Toluene	10.240	92	13804	5.918	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	7848	5.622	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	7746	5.252	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	4142	5.474	ug/l	92
56) Ethyl methacrylate	10.508	69	4675	5.072	ug/l #	79
57) 1,3-Dichloropropane	10.788	76	6494	5.381	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	10210	22.991	ug/l #	74
59) 2-Hexanone	10.831	43	9771	25.768	ug/l	91
60) Dibromochloromethane	10.983	129	5336	5.143	ug/l	87
61) 1,2-Dibromoethane	11.087	107	4332	5.631	ug/l	98
64) Tetrachloroethene	10.721	164	6797	6.497	ug/l	98
65) Chlorobenzene	11.514	112	15615	5.894	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.587	131	5760	5.456	ug/l	98
67) Ethyl Benzene	11.593	91	26166	5.637	ug/l	93
68) m/p-Xylenes	11.703	106	20965	11.728	ug/l	95
69) o-Xylene	12.032	106	10000	5.811	ug/l	99
70) Styrene	12.038	104	16944	5.913	ug/l	95
71) Bromoform	12.209	173	3792	5.697	ug/l #	99
73) Isopropylbenzene	12.331	105	28889	5.642	ug/l	100
74) N-amyl acetate	12.142	43	4335	4.483	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.587	83	4244	4.893	ug/l #	96
76) 1,2,3-Trichloropropane	12.629	75	3312	4.585	ug/l #	100
77) Bromobenzene	12.611	156	7252	5.921	ug/l	77
78) n-propylbenzene	12.672	91	32921	5.513	ug/l	97
79) 2-Chlorotoluene	12.757	91	18851	5.675	ug/l	94
80) 1,3,5-Trimethylbenzene	12.812	105	23730	5.517	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.373	75	1455	4.825	ug/l	93
82) 4-Chlorotoluene	12.855	91	18462	5.447	ug/l	92
83) tert-Butylbenzene	13.075	119	21399	5.556	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	23524	5.576	ug/l	95
85) sec-Butylbenzene	13.251	105	31218	5.633	ug/l	97
86) p-Isopropyltoluene	13.367	119	26783	5.674	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	13616	5.838	ug/l	94
88) 1,4-Dichlorobenzene	13.446	146	13290	5.794	ug/l	96
89) n-Butylbenzene	13.696	91	23966	5.593	ug/l	95
90) Hexachloroethane	13.958	117	5336	5.683	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	11984	5.769	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	808	4.761	ug/l	64
93) 1,2,4-Trichlorobenzene	15.007	180	8504	6.014	ug/l	94
94) Hexachlorobutadiene	15.111	225	4687	5.565	ug/l	95
95) Naphthalene	15.233	128	15942	5.487	ug/l	97
96) 1,2,3-Trichlorobenzene	15.422	180	6742	5.523	ug/l	92

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ALS Vial : 3 Sample Multiplier: 1

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MSVOA_Y
ClientSampleId :
VSTDICC005

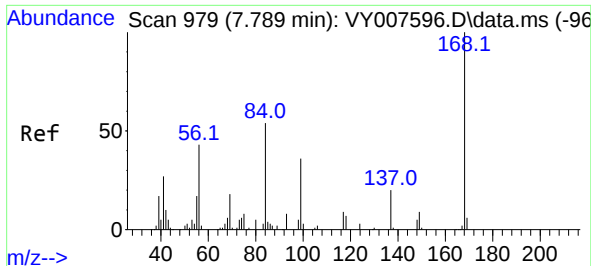
Manual Integrations
APPROVED

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

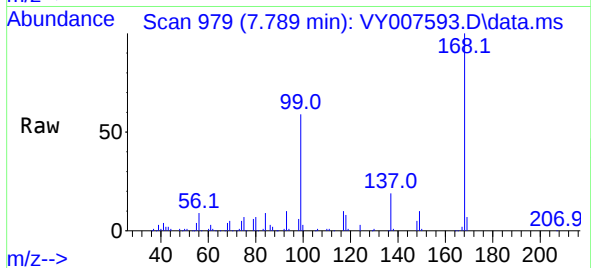
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007593.D
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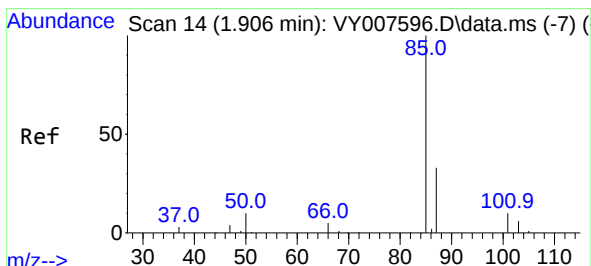
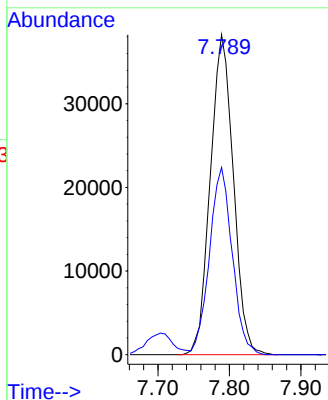
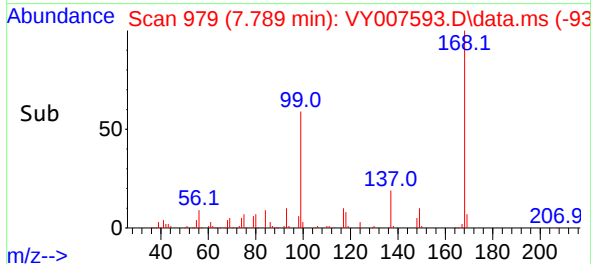
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



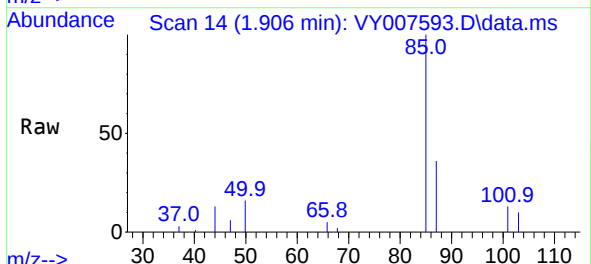
Tgt Ion:168 Resp: 85624
Ion Ratio Lower Upper
168 100
99 58.5 46.9 70.3

Manual Integrations
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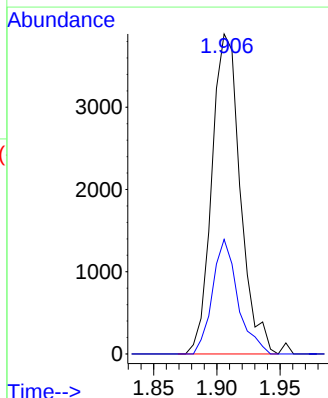
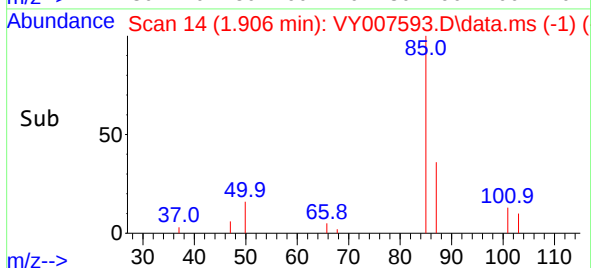
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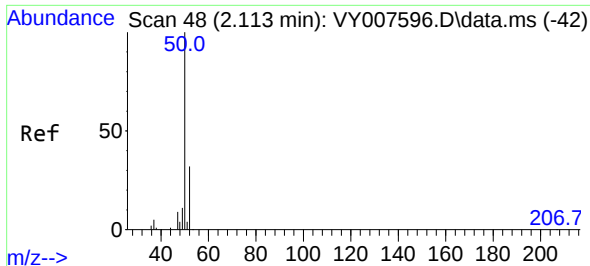


#2
Dichlorodifluoromethane
Concen: 5.606 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY007593.D
Acq: 23 Feb 2022 12:13



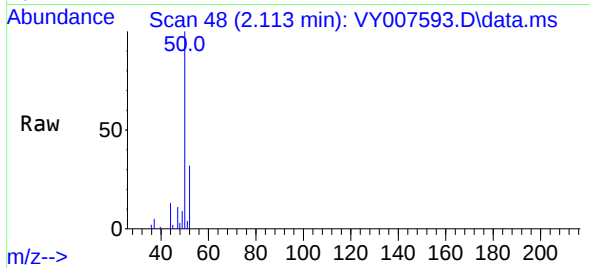
Tgt Ion: 85 Resp: 6084
Ion Ratio Lower Upper
85 100
87 35.8 16.1 48.2





#3
Chloromethane
Concen: 6.860 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY007593.D
Acq: 23 Feb 2022 12:13

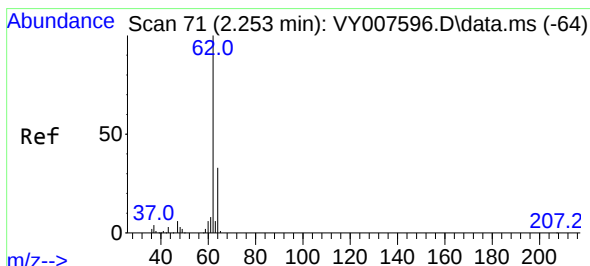
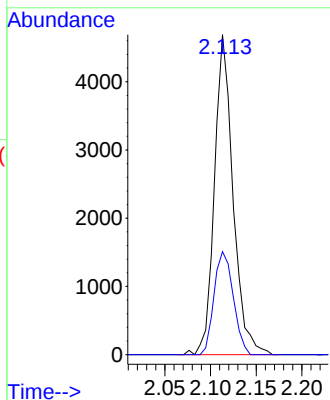
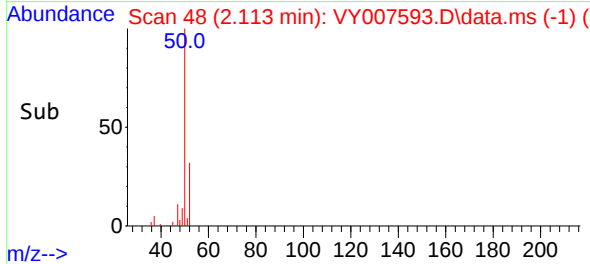
Instrument :
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ClientSampleId :
VSTDIC005



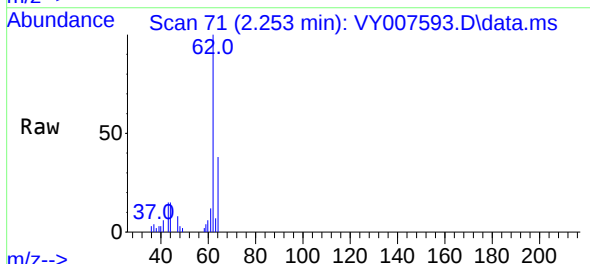
Tgt Ion: 50 Resp: 663
Ion Ratio Lower Upper
50 100
52 32.2 24.6 37.0

Manual Integrations
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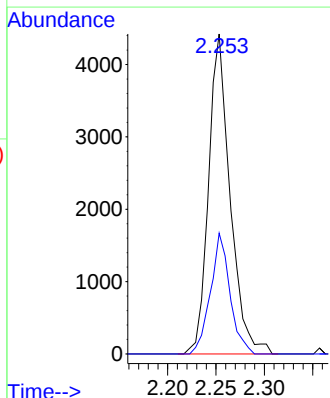
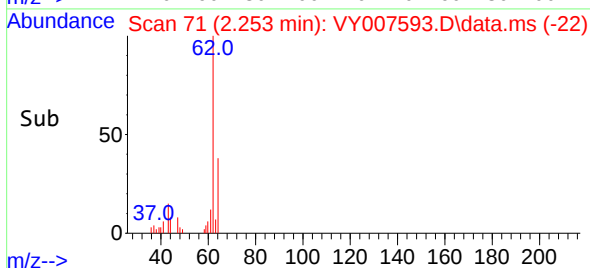
Reviewed By :John Carlone 02/24/2022
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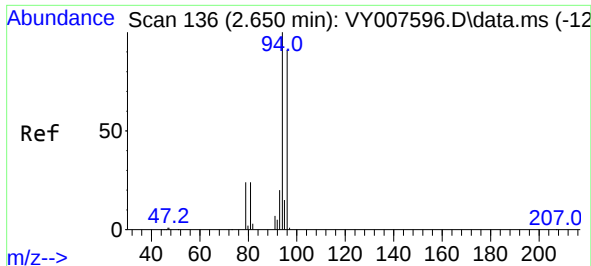


#4
Vinyl Chloride
Concen: 6.675 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY007593.D
Acq: 23 Feb 2022 12:13



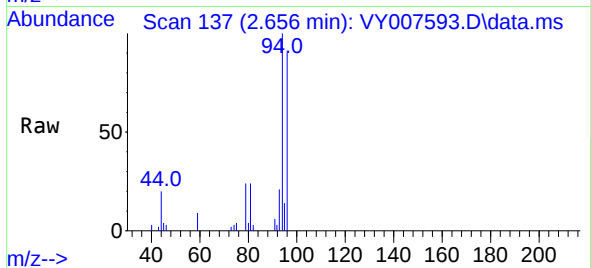
Tgt Ion: 62 Resp: 6847
Ion Ratio Lower Upper
62 100
64 37.8 25.0 37.6





#5
Bromomethane
Concen: 7.915 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007593.D
Acq: 23 Feb 2022 12:13

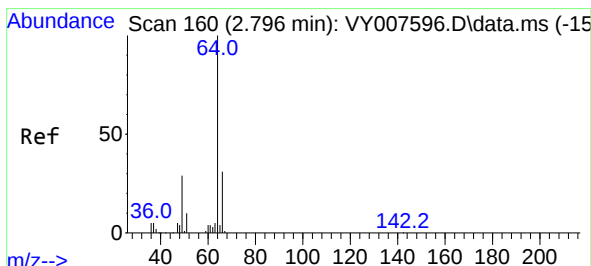
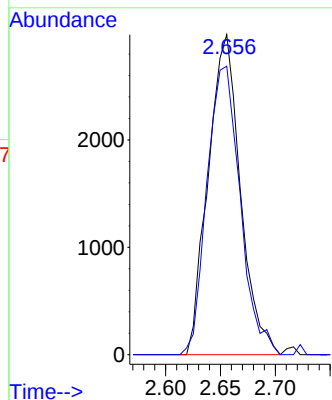
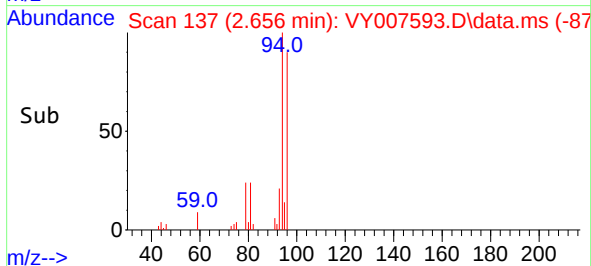
Instrument :
MSVOA_Y
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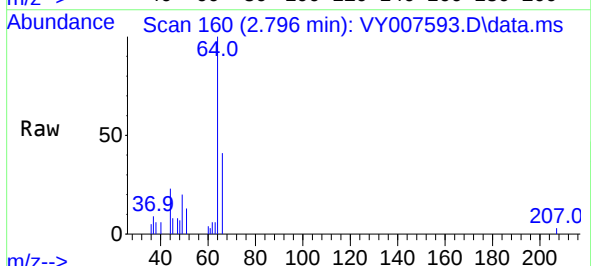
Tgt Ion: 94 Resp: 6094
Ion Ratio Lower Upper
94 100
96 90.1 73.5 110.3

Manual Integrations
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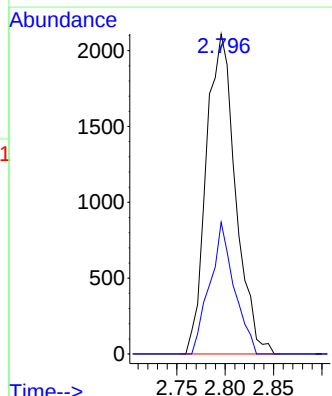
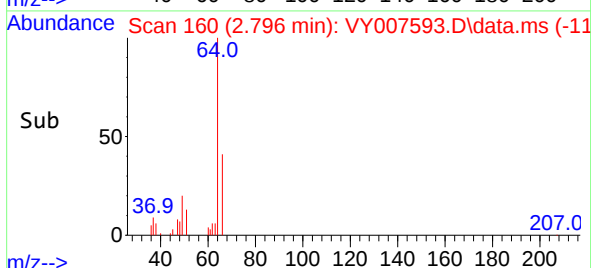
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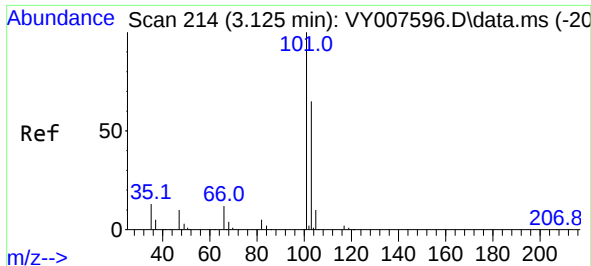


#6
Chloroethane
Concen: 6.853 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.000 min
Lab File: VY007593.D
Acq: 23 Feb 2022 12:13



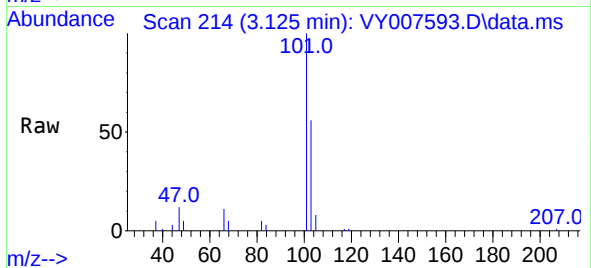
Tgt Ion: 64 Resp: 4447
Ion Ratio Lower Upper
64 100
66 41.1 25.4 38.0#





#7
Trichlorofluoromethane
Concen: 6.372 ug/l
RT: 3.125 min Scan# 214
Delta R.T. 0.000 min
Lab File: VY007593.D
Acq: 23 Feb 2022 12:13

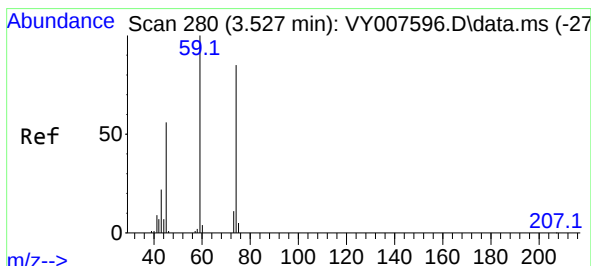
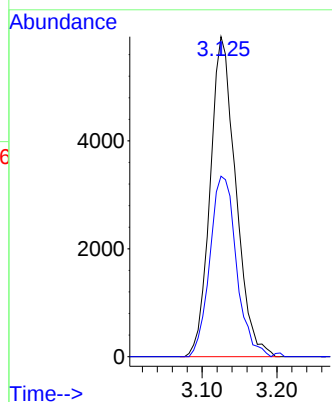
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion:101 Resp: 1412
Ion Ratio Lower Upper
101 100
103 56.4 48.0 72.0

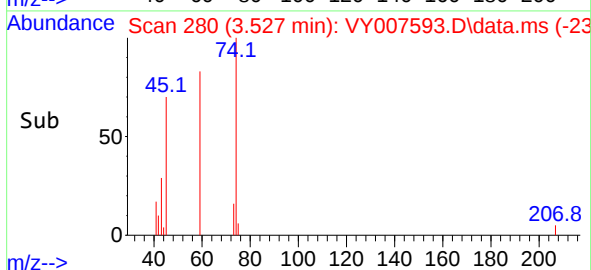
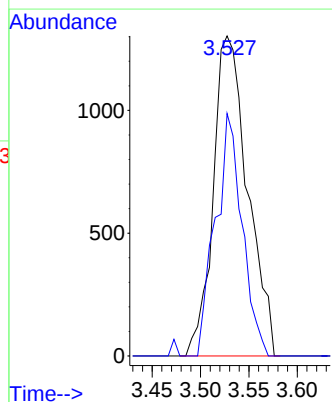
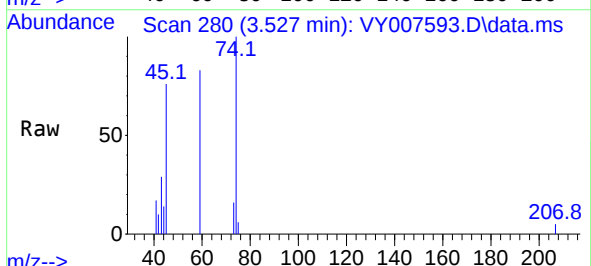
Manual Integrations
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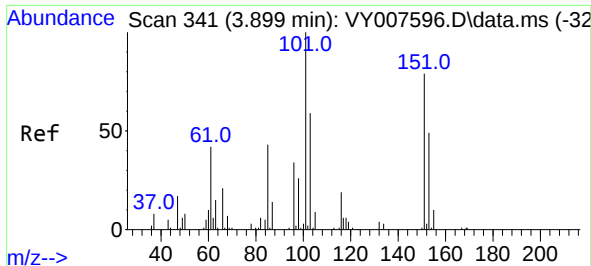
Reviewed By :John Carlone 02/24/2022
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#8
Diethyl Ether
Concen: 5.933 ug/l
RT: 3.527 min Scan# 280
Delta R.T. 0.000 min
Lab File: VY007593.D
Acq: 23 Feb 2022 12:13

Tgt Ion: 74 Resp: 3223
Ion Ratio Lower Upper
74 100
45 58.8 55.1 165.5





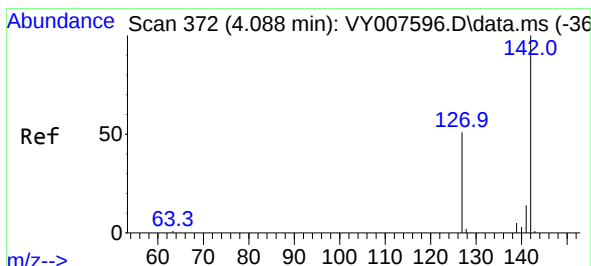
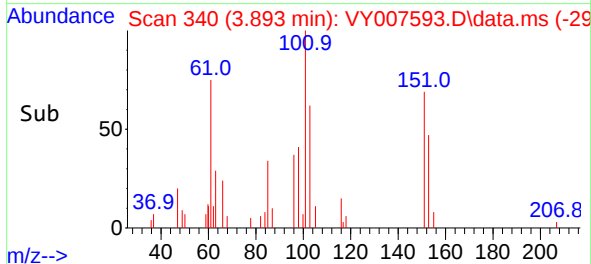
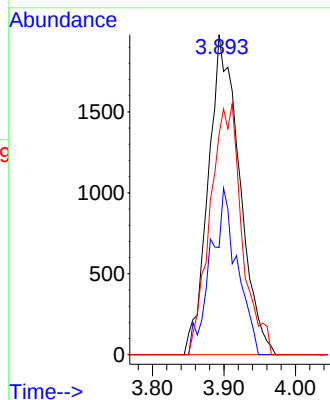
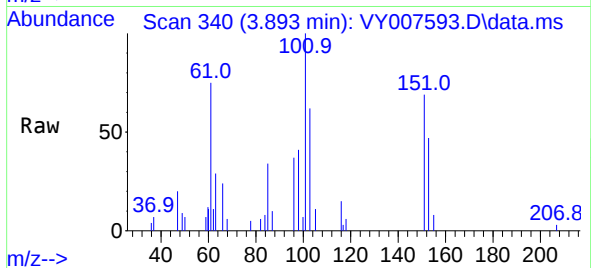
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1,1,2-Trichlorotrifluoroethane
Concen: 5.859 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY007593.D
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ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 600
Ion Ratio Lower Upper
101 100
85 44.3 40.6 60.8
151 79.6 64.9 97.3

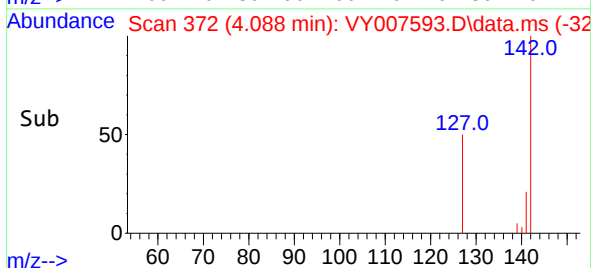
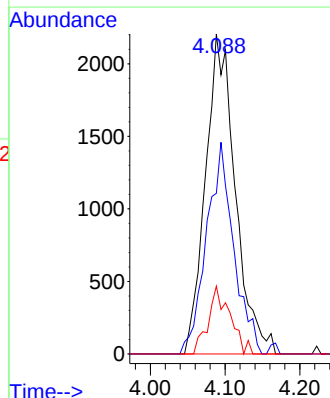
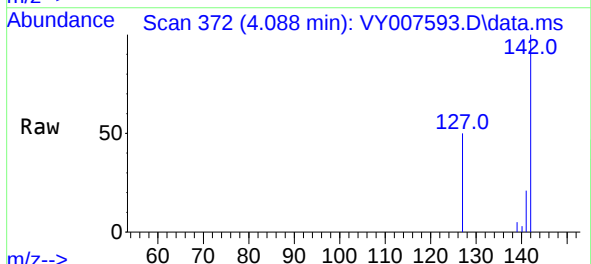
Manual Integrations
APPROVED

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



#10
Methyl Iodide
Concen: 5.059 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY007593.D
Acq: 23 Feb 2022 12:13

Tgt Ion:142 Resp: 6112
Ion Ratio Lower Upper
142 100
127 60.3 41.5 62.3
141 15.6 11.9 17.9





#11

Tert butyl alcohol

Concen: 27.497 ug/l

RT: 4.954 min Scan# 513

Delta R.T. 0.006 min

Lab File: VY007593.D

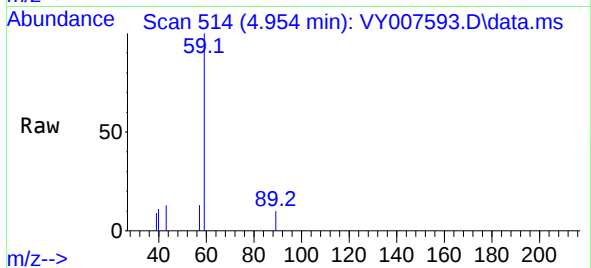
Acq: 23 Feb 2022 12:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005



Tgt Ion: 59 Resp: 225

Ion Ratio Lower Upper

59 100

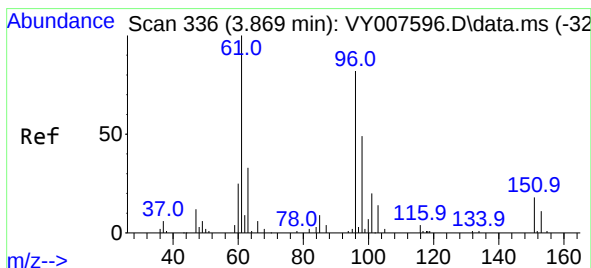
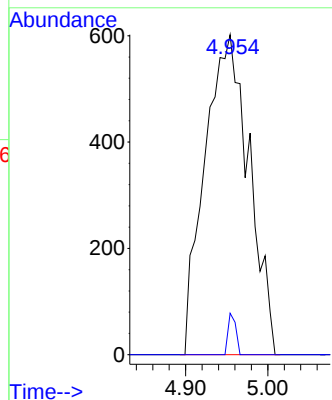
57 2.3 6.4 9.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#12

1,1-Dichloroethene

Concen: 5.669 ug/l

RT: 3.875 min Scan# 337

Delta R.T. 0.006 min

Lab File: VY007593.D

Acq: 23 Feb 2022 12:13

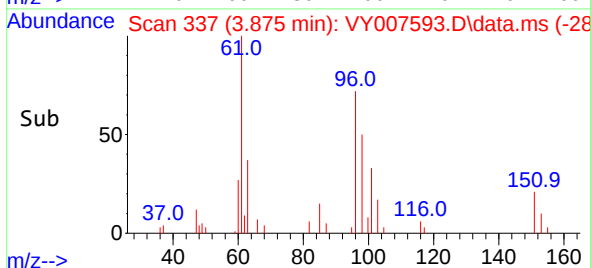
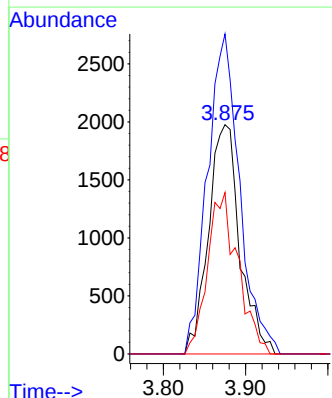
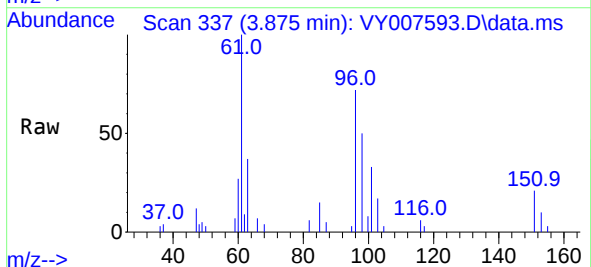
Tgt Ion: 96 Resp: 5233

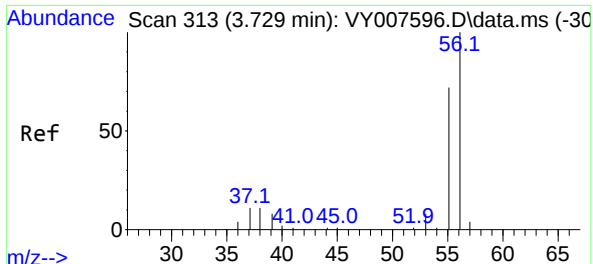
Ion Ratio Lower Upper

96 100

61 139.6 145.8 218.6

98 70.4 52.5 78.7





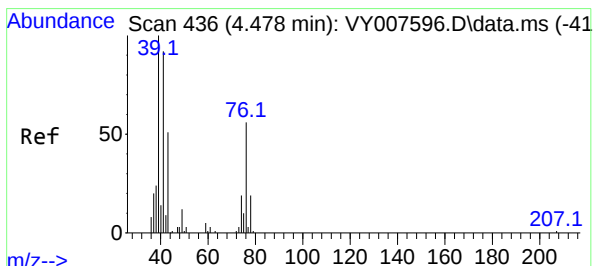
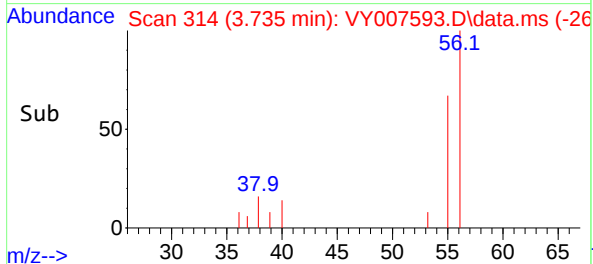
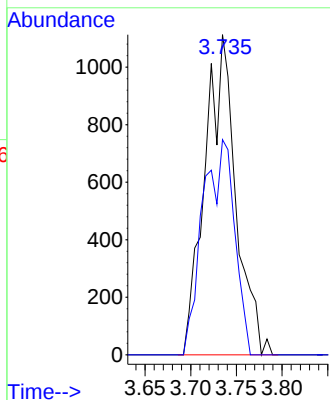
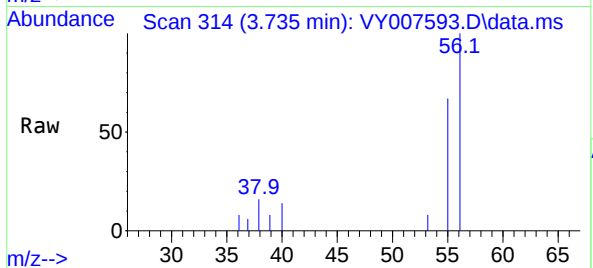
#13
Acrolein
Concen: 35.463 ug/l
RT: 3.735 min Scan# 313
Delta R.T. 0.006 min
Lab File: VY007593.D
Acq: 23 Feb 2022 12:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 56 Resp: 262
Ion Ratio Lower Upper
56 100
55 68.9 57.6 86.4

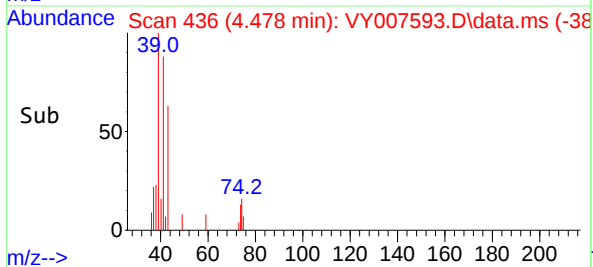
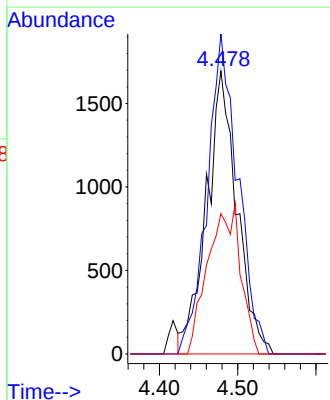
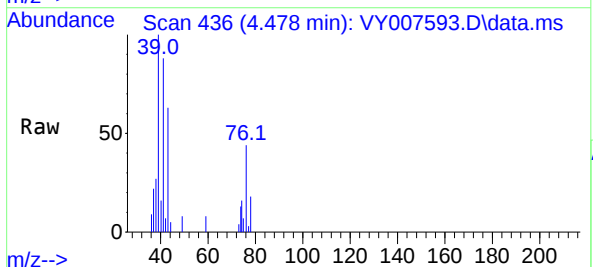
Manual Integrations
APPROVED

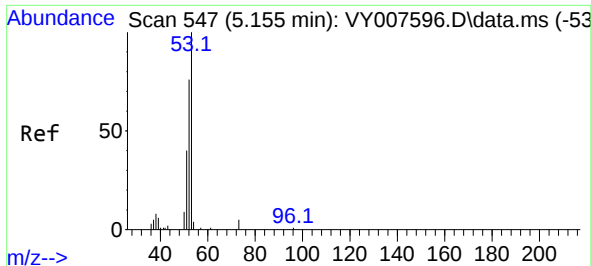
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#14
Allyl chloride
Concen: 4.899 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY007593.D
Acq: 23 Feb 2022 12:13

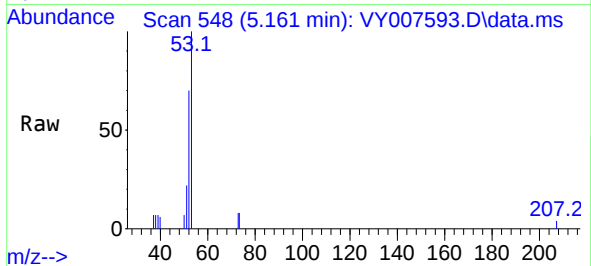
Tgt Ion: 41 Resp: 4572
Ion Ratio Lower Upper
41 100
39 114.2 58.8 88.2#
76 56.2 25.1 37.7#





#15
Acrylonitrile
Concen: 26.542 ug/l
RT: 5.161 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY007593.D
Acq: 23 Feb 2022 12:13

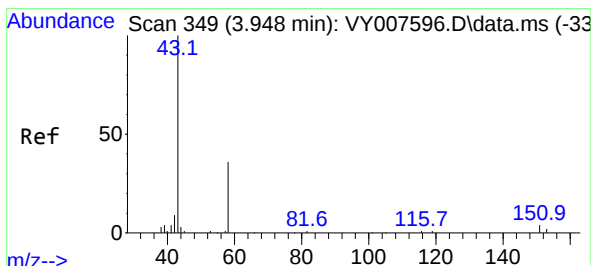
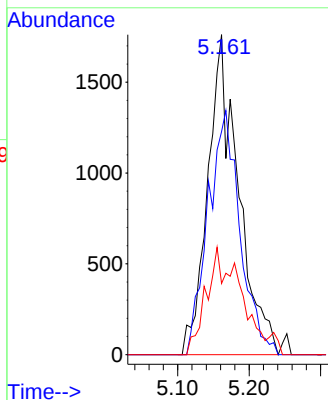
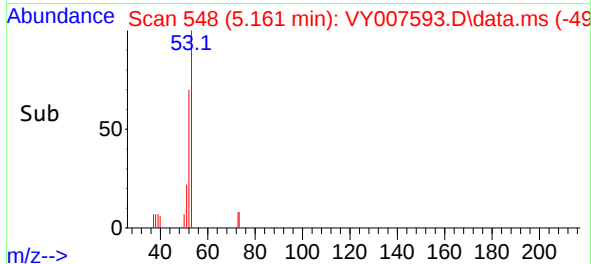
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



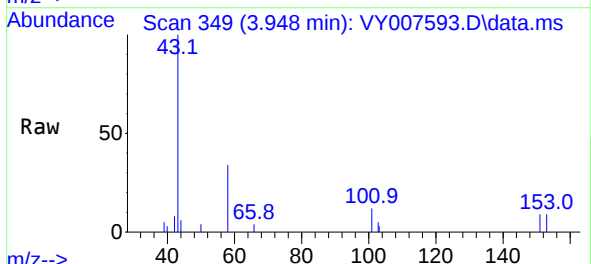
Tgt Ion: 53 Resp: 5230
Ion Ratio Lower Upper
53 100
52 79.9 67.0 100.4
51 23.3 29.8 44.6

Manual Integrations
APPROVED

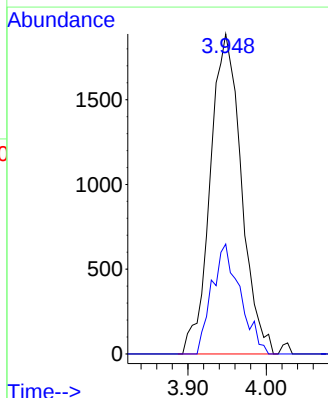
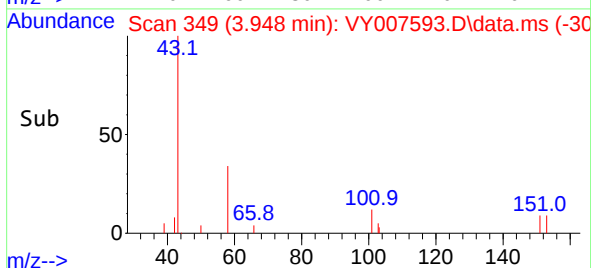
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

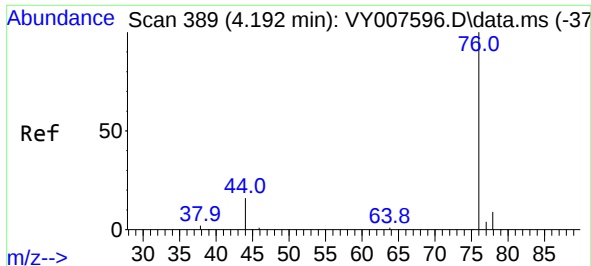


#16
Acetone
Concen: 24.913 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007593.D
Acq: 23 Feb 2022 12:13



Tgt Ion: 43 Resp: 5205
Ion Ratio Lower Upper
43 100
58 34.3 22.0 33.0





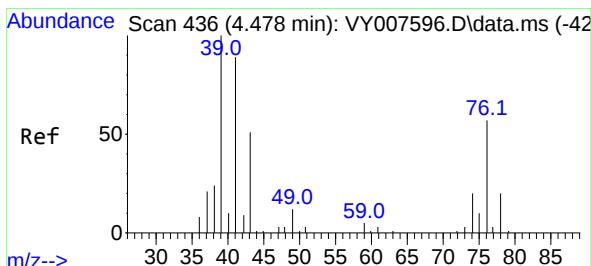
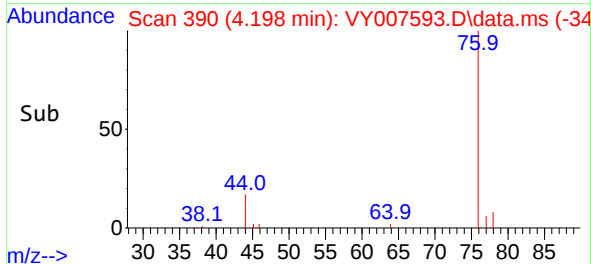
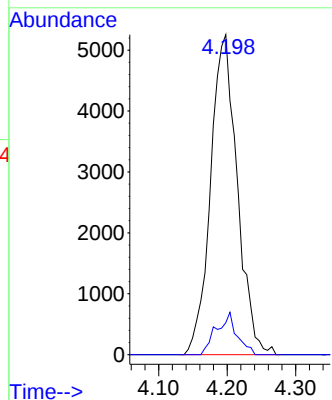
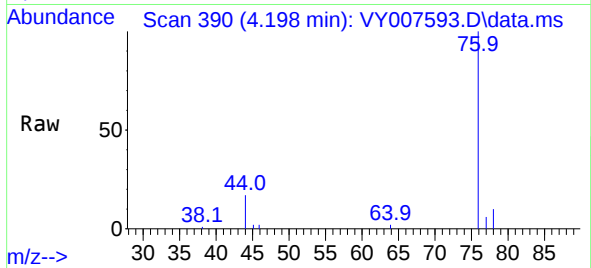
#17
Carbon Disulfide
Concen: 5.982 ug/l
RT: 4.198 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY007593.D
Acq: 23 Feb 2022 12:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 14228
Ion Ratio Lower Upper
76 100
78 10.0 7.4 11.0

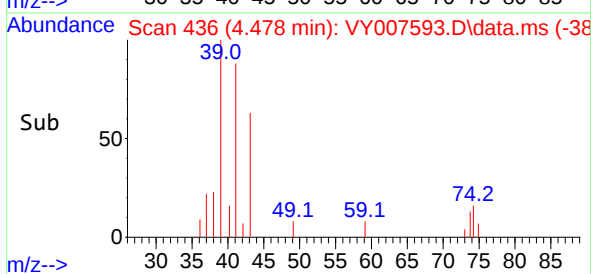
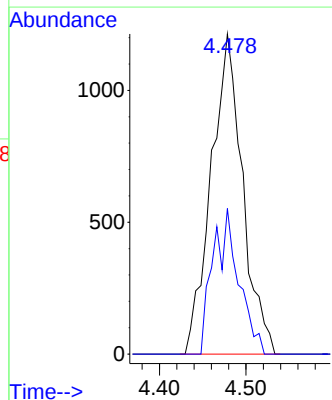
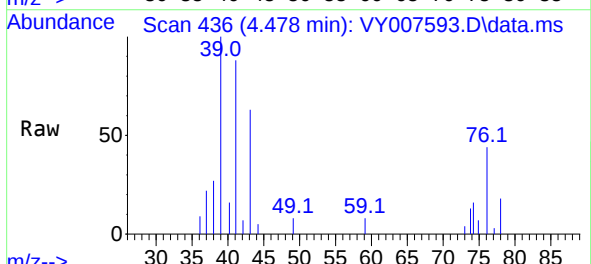
Manual Integrations
APPROVED

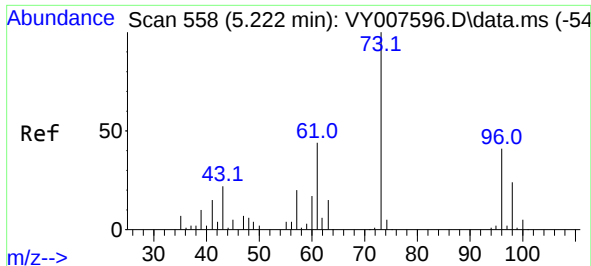
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#18
Methyl Acetate
Concen: 6.667 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY007593.D
Acq: 23 Feb 2022 12:13

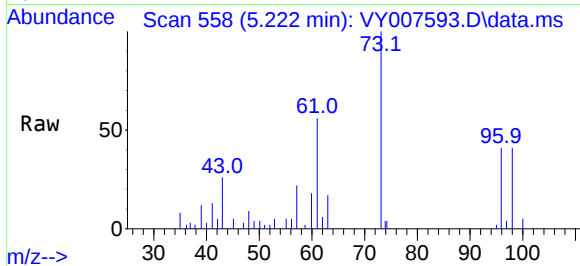
Tgt Ion: 43 Resp: 3063
Ion Ratio Lower Upper
43 100
74 37.3 16.6 24.8#





#19
Methyl tert-butyl Ether
Concen: 5.306 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY007593.D
Acq: 23 Feb 2022 12:13

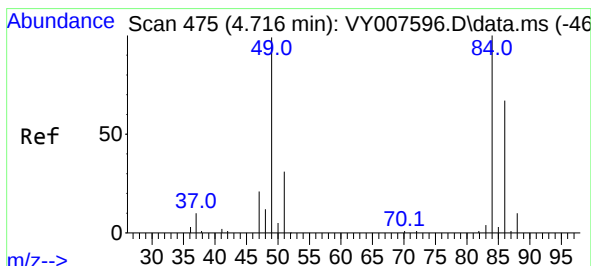
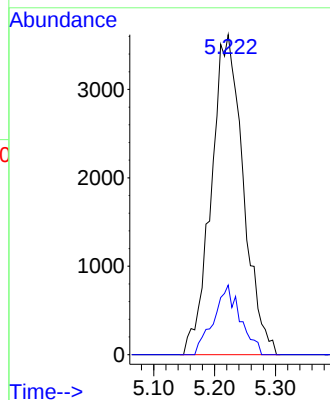
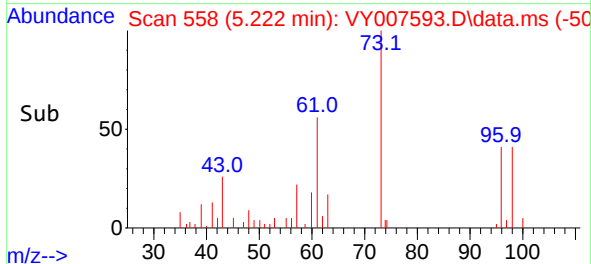
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



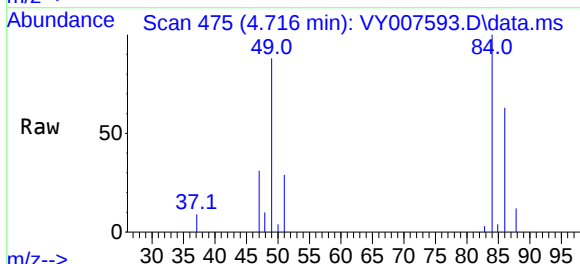
Tgt Ion: 73 Resp: 13209
Ion Ratio Lower Upper
73 100
57 21.7 18.6 27.8

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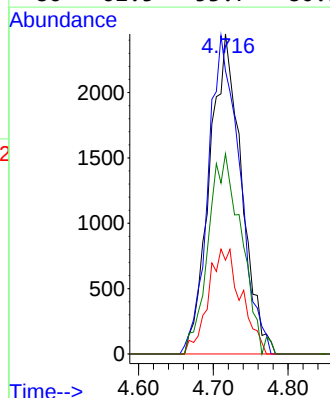
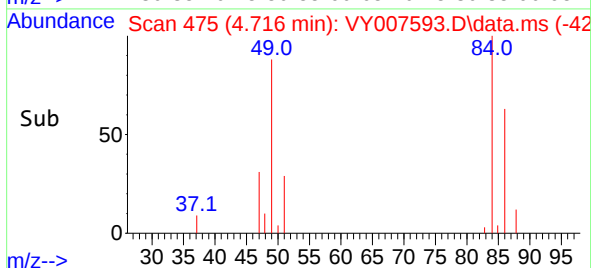
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

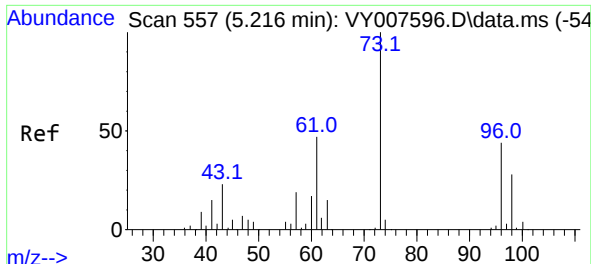


#20
Methylene Chloride
Concen: 6.925 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY007593.D
Acq: 23 Feb 2022 12:13



Tgt Ion: 84 Resp: 7253
Ion Ratio Lower Upper
84 100
49 88.5 114.4 171.6#
51 29.3 35.3 52.9#
86 62.5 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 5.854 ug/l

RT: 5.216 min Scan# 511

Delta R.T. 0.000 min

Lab File: VY007593.D

Acq: 23 Feb 2022 12:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 96 Resp: 544

Ion Ratio Lower Upper

96 100

61 114.3 120.5 180.7

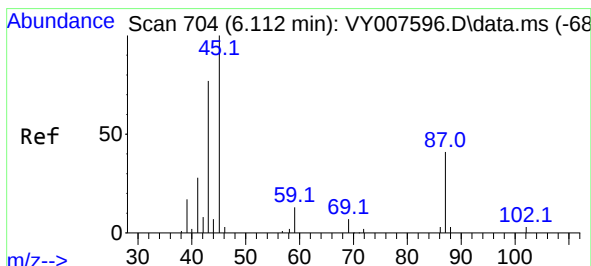
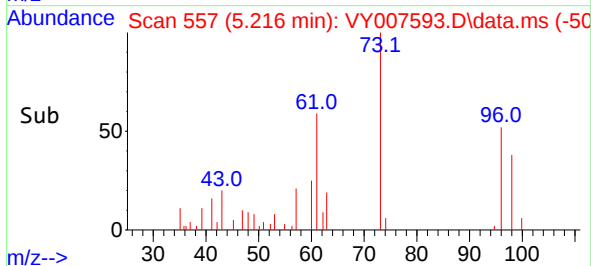
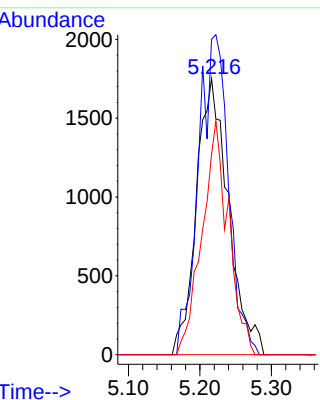
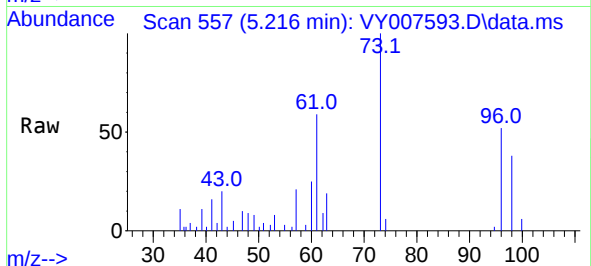
98 72.6 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#22

Diisopropyl ether

Concen: 5.377 ug/l

RT: 6.118 min Scan# 705

Delta R.T. 0.006 min

Lab File: VY007593.D

Acq: 23 Feb 2022 12:13

Tgt Ion: 45 Resp: 10125

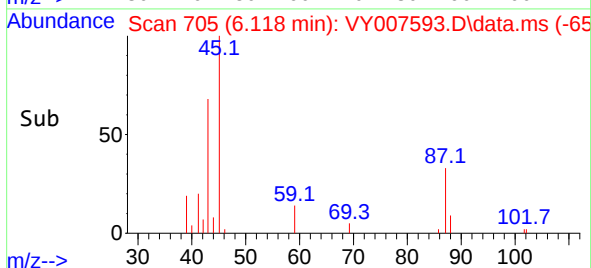
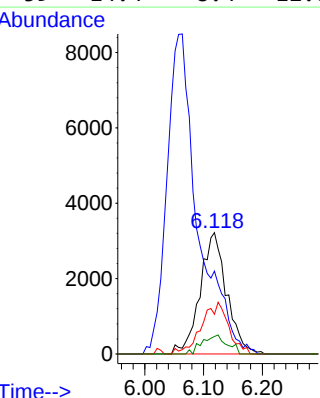
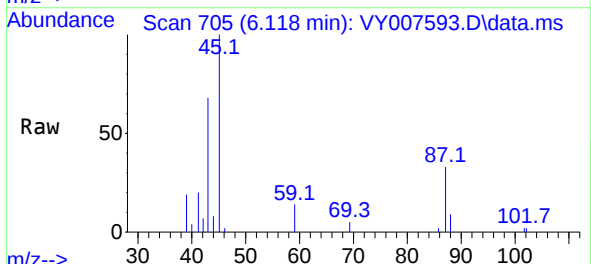
Ion Ratio Lower Upper

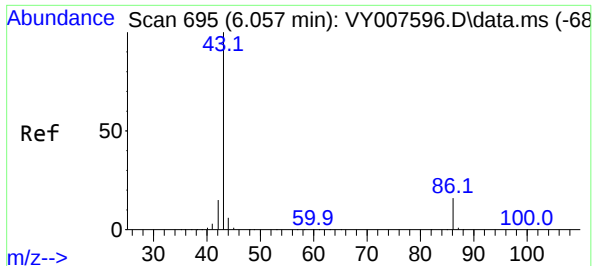
45 100

43 68.3 49.3 73.9

87 32.7 19.2 28.8#

59 14.4 8.4 12.6#





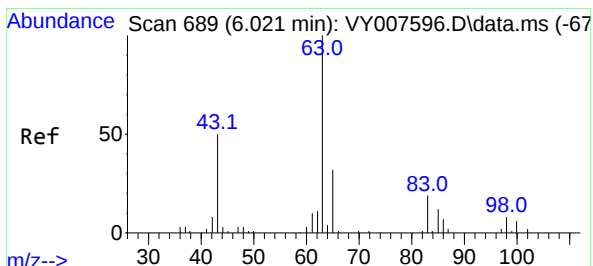
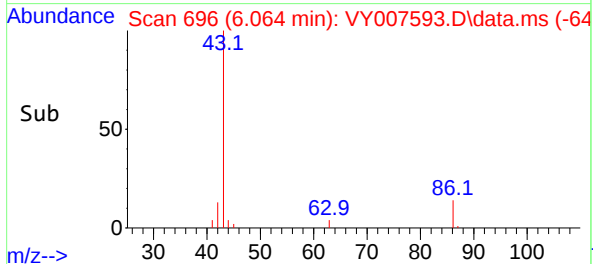
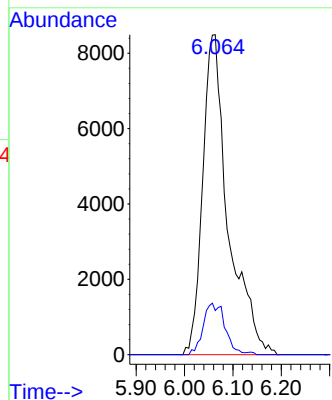
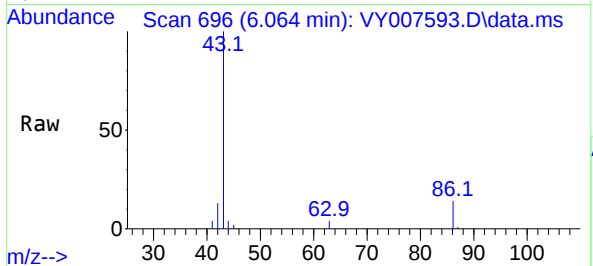
#23
 Vinyl Acetate
 Concen: 24.076 ug/l
 RT: 6.064 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY007593.D
 Acq: 23 Feb 2022 12:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tgt Ion: 43 Resp: 3110
 Ion Ratio Lower Upper
 43 100
 86 13.8 7.1 10.7

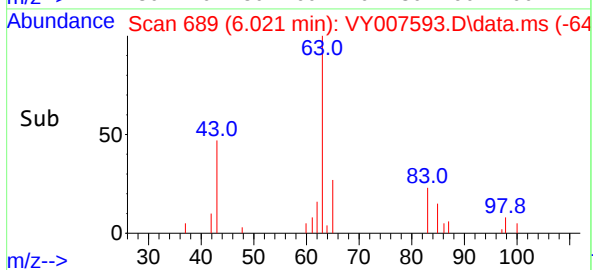
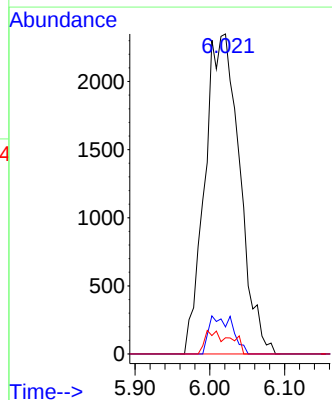
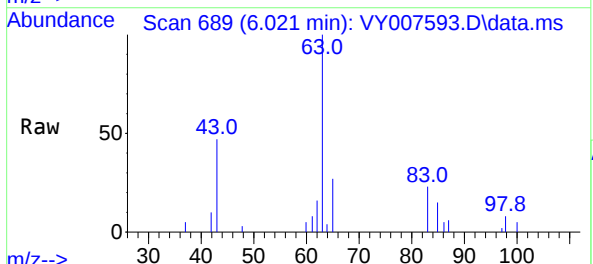
Manual Integrations
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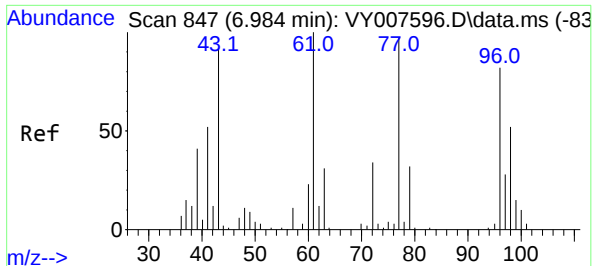
Reviewed By :John Carlone 02/24/2022
 Supervised By :Mahesh Dadoda 02/24/2022



#24
 1,1-Dichloroethane
 Concen: 5.306 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.000 min
 Lab File: VY007593.D
 Acq: 23 Feb 2022 12:13

Tgt Ion: 63 Resp: 7601
 Ion Ratio Lower Upper
 63 100
 98 8.5 3.6 10.8
 100 5.1 2.0 5.8





#25

2-Butanone

Concen: 24.312 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY007593.D

Acq: 23 Feb 2022 12:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 563

Ion Ratio Lower Upper

43 100

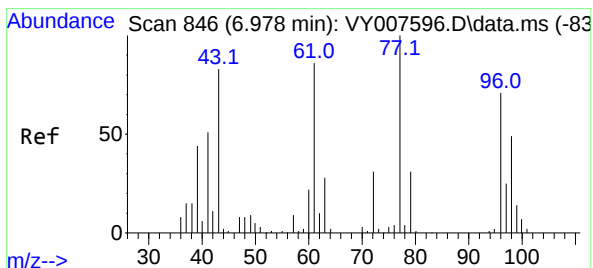
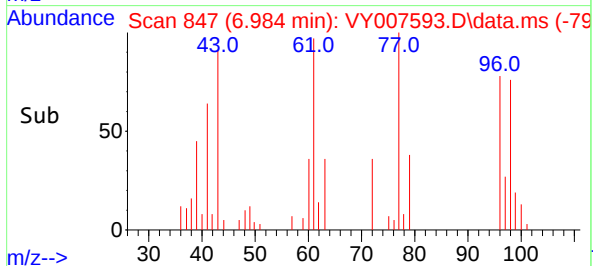
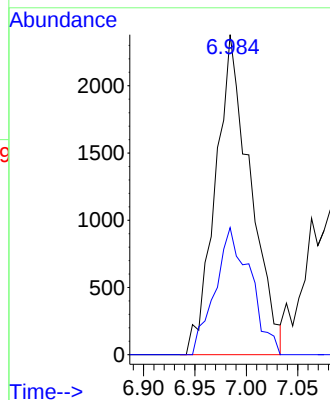
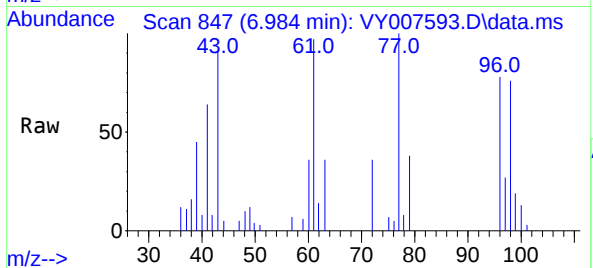
72 39.7 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#26

2,2-Dichloropropane

Concen: 5.424 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY007593.D

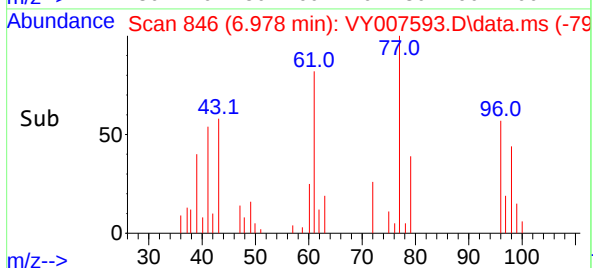
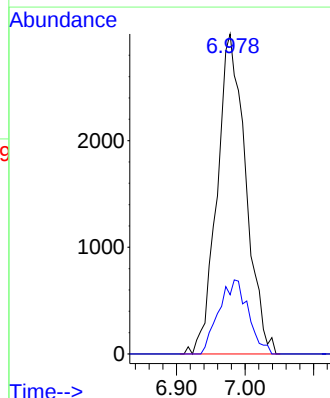
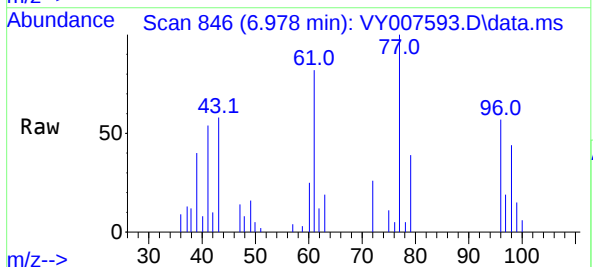
Acq: 23 Feb 2022 12:13

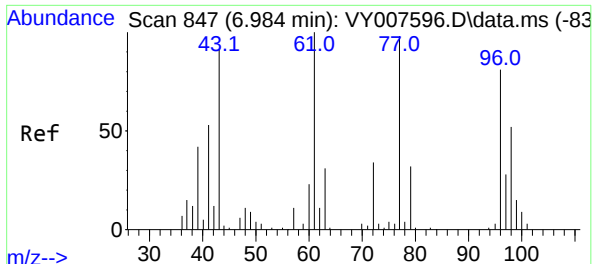
Tgt Ion: 77 Resp: 8687

Ion Ratio Lower Upper

77 100

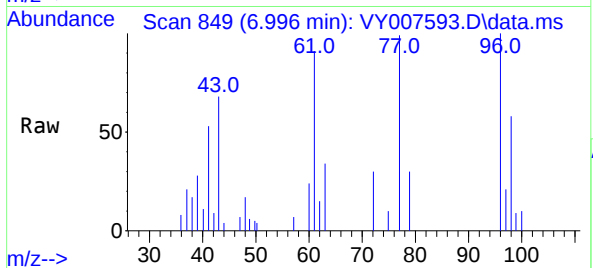
97 23.8 10.4 31.4





#27
cis-1,2-Dichloroethene
Concen: 5.640 ug/l
RT: 6.996 min Scan# 847
Delta R.T. 0.012 min
Lab File: VY007593.D
Acq: 23 Feb 2022 12:13

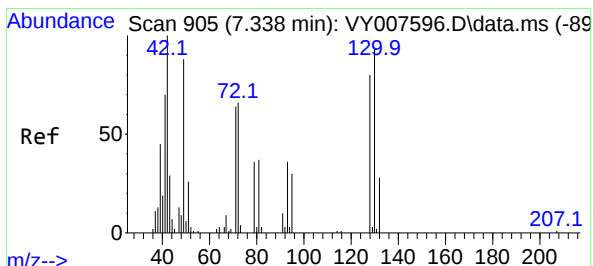
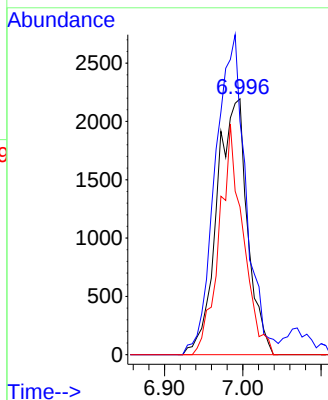
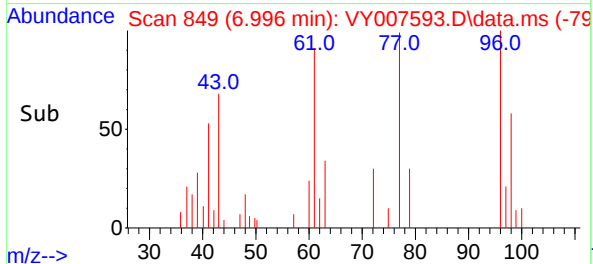
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



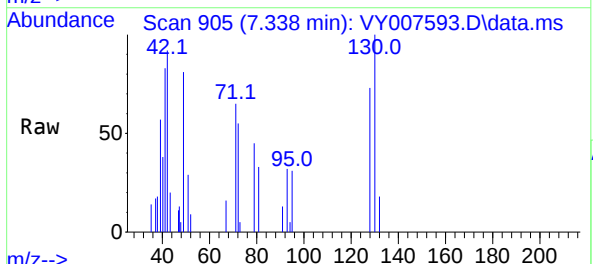
Tgt Ion: 96 Resp: 595
Ion Ratio Lower Upper
96 100
61 125.5 0.0 319.8
98 70.1 0.0 127.0

Manual Integrations
APPROVED

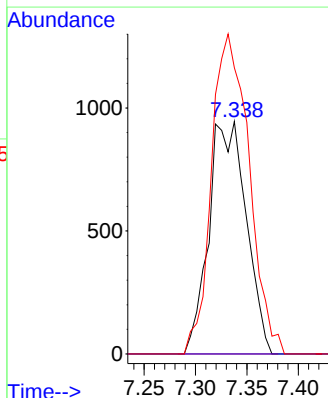
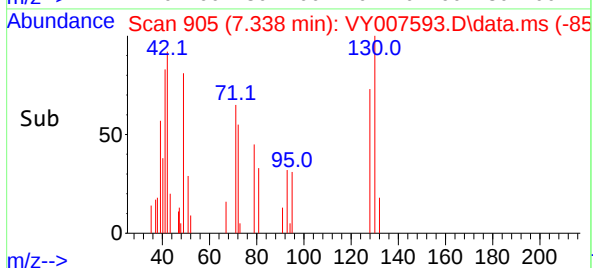
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

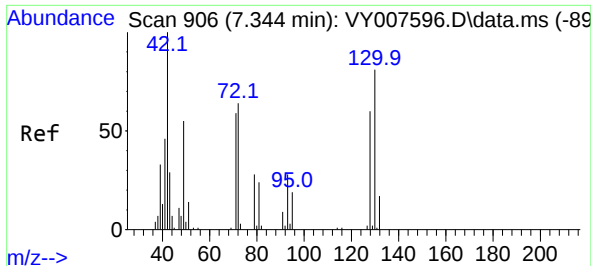


#28
Bromochloromethane
Concen: 5.063 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.000 min
Lab File: VY007593.D
Acq: 23 Feb 2022 12:13



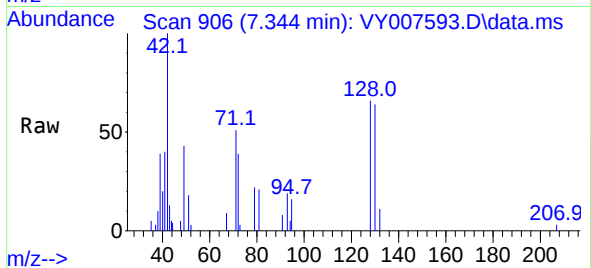
Tgt Ion: 49 Resp: 2399
Ion Ratio Lower Upper
49 100
129 0.0 0.0 2.2
130 137.8 55.4 83.0#





#29
Tetrahydrofuran
Concen: 25.934 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY007593.D
Acq: 23 Feb 2022 12:13

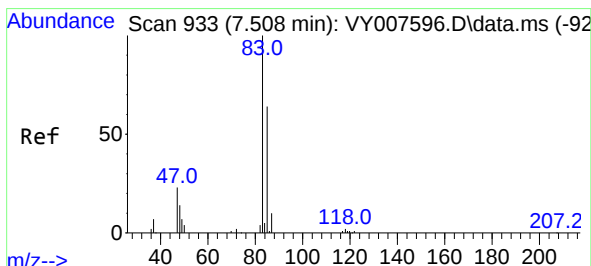
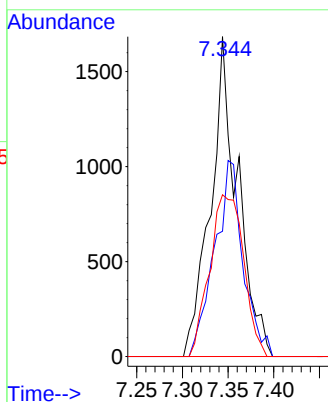
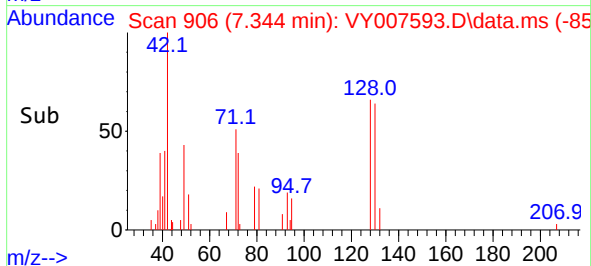
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



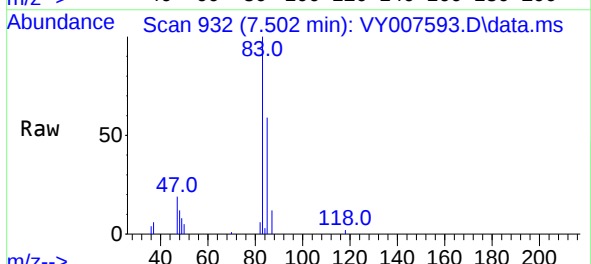
Tgt Ion: 42 Resp: 348
Ion Ratio Lower Upper
42 100
72 64.5 30.3 45.5
71 63.3 29.0 43.4

Manual Integrations
APPROVED

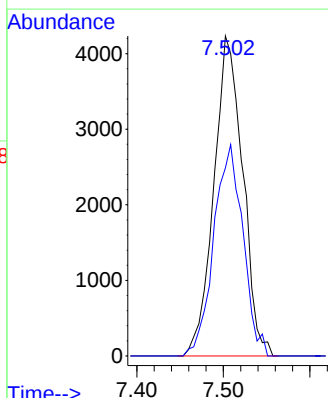
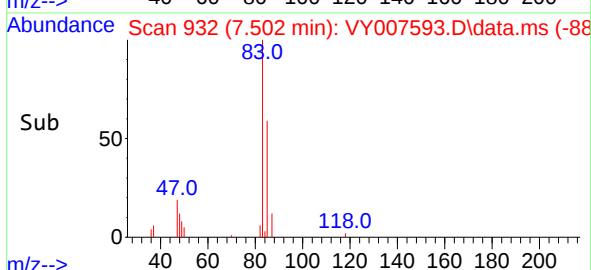
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

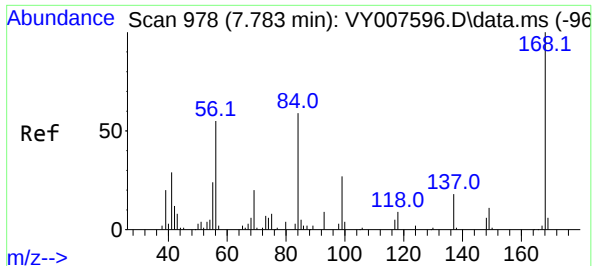


#30
Chloroform
Concen: 5.537 ug/l
RT: 7.502 min Scan# 932
Delta R.T. -0.006 min
Lab File: VY007593.D
Acq: 23 Feb 2022 12:13



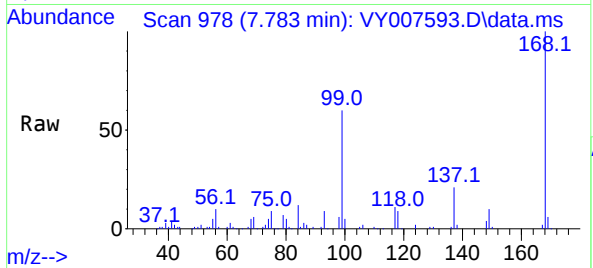
Tgt Ion: 83 Resp: 9801
Ion Ratio Lower Upper
83 100
85 58.7 51.8 77.6





#31
Cyclohexane
Concen: 6.856 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007593.D
Acq: 23 Feb 2022 12:13

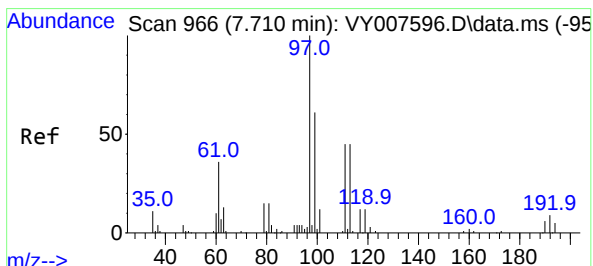
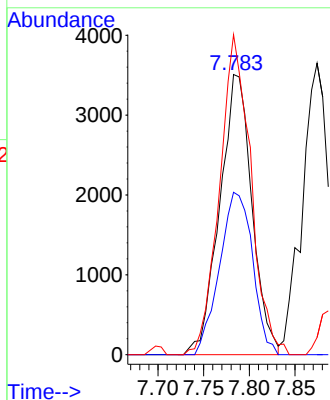
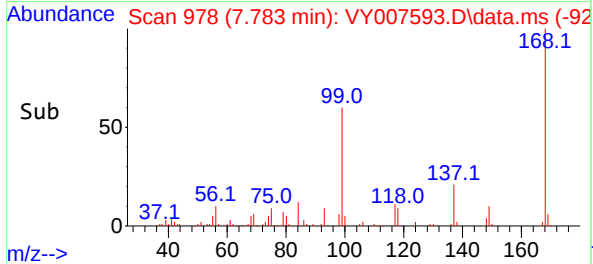
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



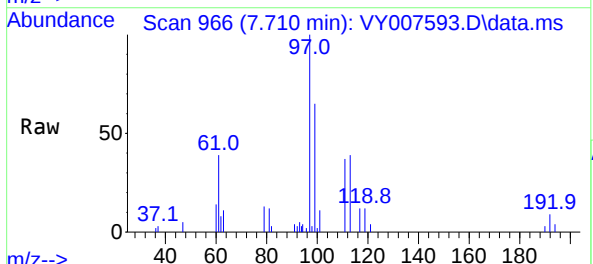
Tgt Ion: 56 Resp: 860
Ion Ratio Lower Upper
56 100
69 58.0 26.7 40.1
84 114.2 67.2 100.8

Manual Integrations
APPROVED

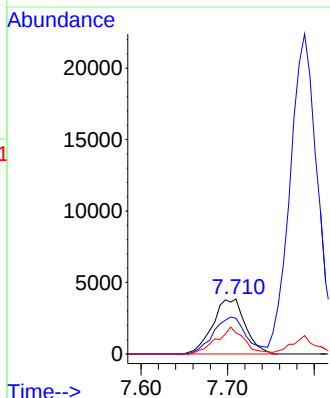
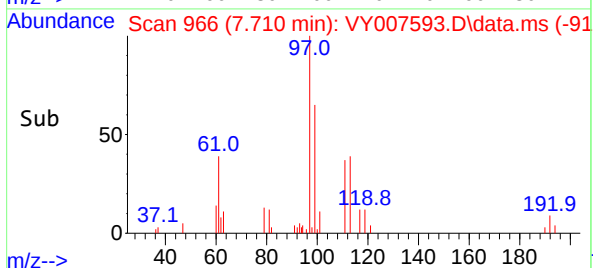
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

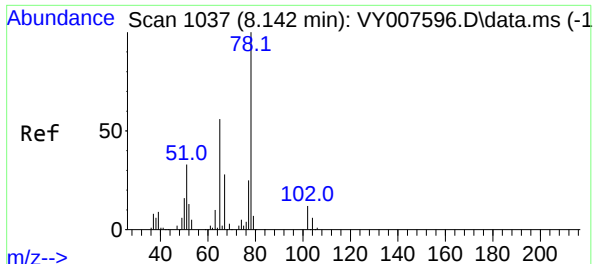


#32
1,1,1-Trichloroethane
Concen: 5.545 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY007593.D
Acq: 23 Feb 2022 12:13



Tgt Ion: 97 Resp: 9971
Ion Ratio Lower Upper
97 100
99 67.5 50.7 76.1
61 41.9 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 5.263 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY007593.D

Acq: 23 Feb 2022 12:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 4654

Ion Ratio Lower Upper

65 100

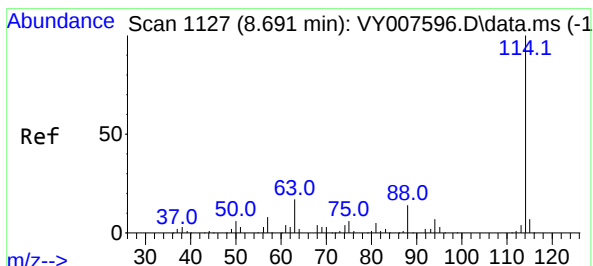
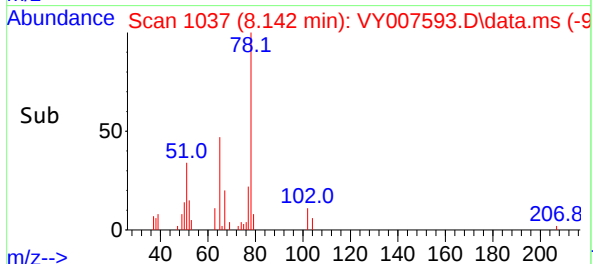
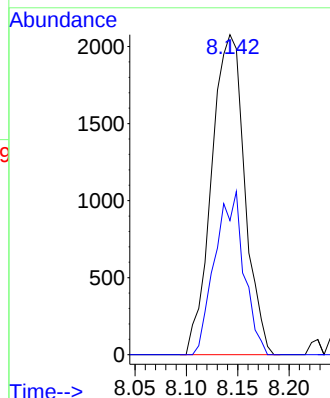
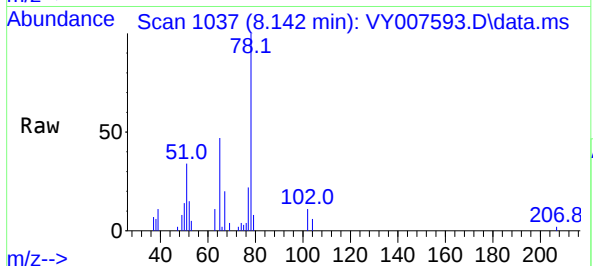
67 44.7 0.0 99.4

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: VY007593.D

Acq: 23 Feb 2022 12:13

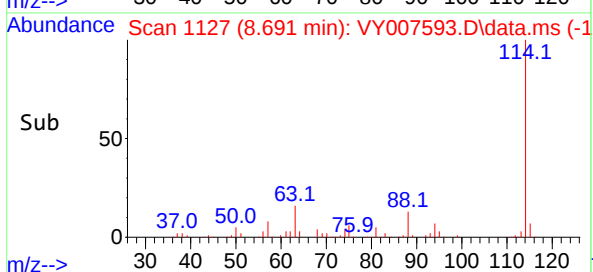
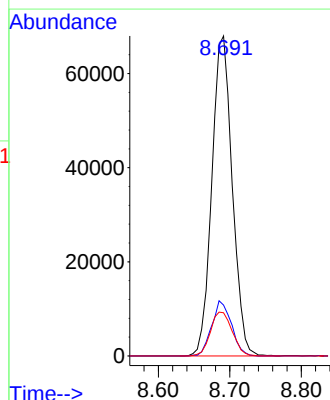
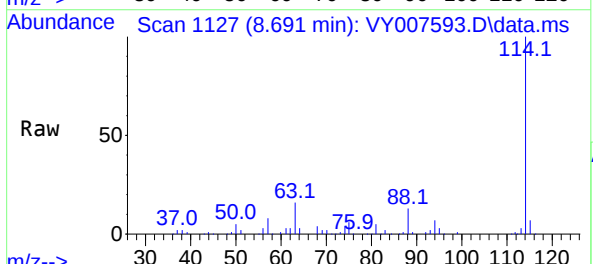
Tgt Ion:114 Resp: 134694

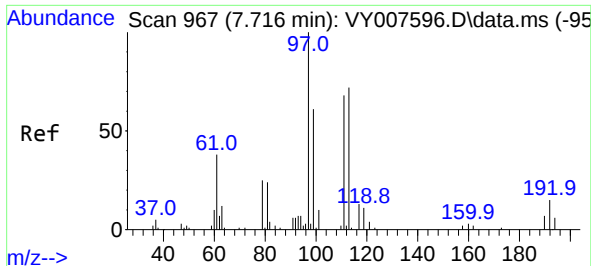
Ion Ratio Lower Upper

114 100

63 15.9 0.0 43.2

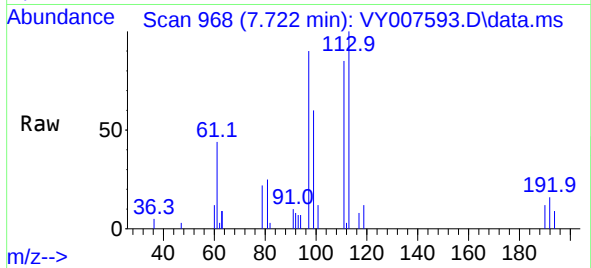
88 13.5 0.0 31.8





#35
Dibromofluoromethane
Concen: 4.957 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY007593.D
Acq: 23 Feb 2022 12:13

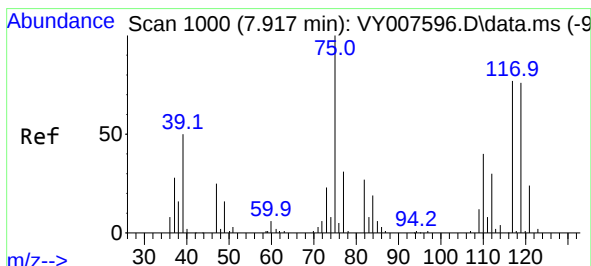
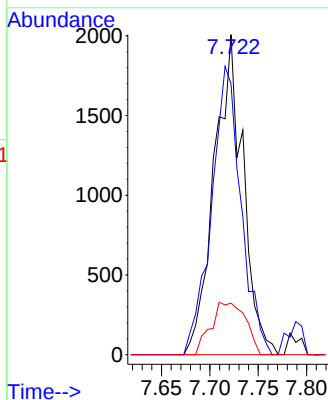
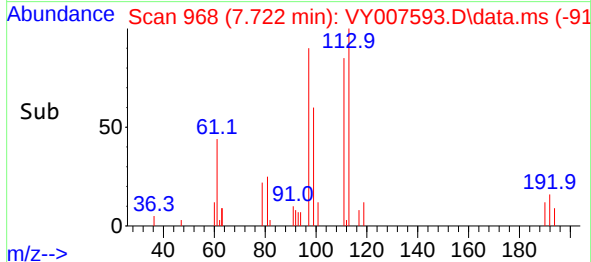
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



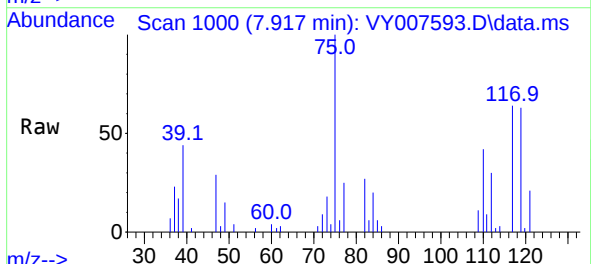
Tgt Ion:113 Resp: 416
Ion Ratio Lower Upper
113 100
111 92.5 82.6 124.0
192 19.7 17.6 26.4

Manual Integrations
APPROVED

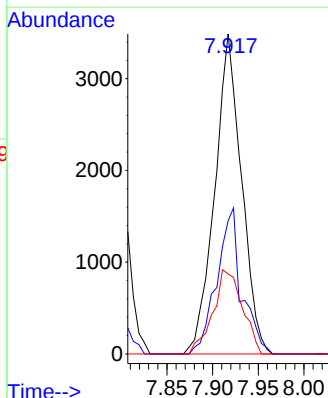
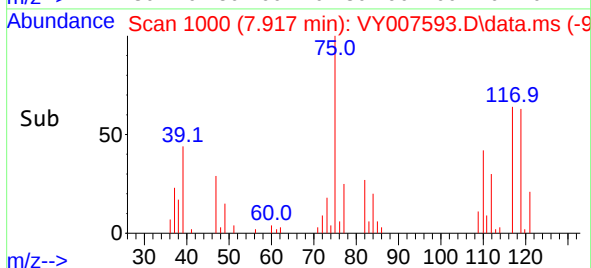
Reviewed By :John Carbone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

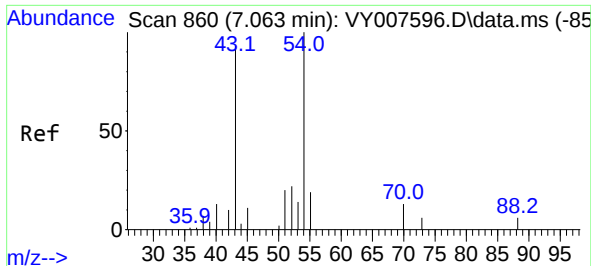


#36
1,1-Dichloropropene
Concen: 5.654 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY007593.D
Acq: 23 Feb 2022 12:13



Tgt Ion: 75 Resp: 7115
Ion Ratio Lower Upper
75 100
110 42.2 17.1 51.2
77 28.7 24.4 36.6





#37

Ethyl Acetate

Concen: 5.383 ug/l

RT: 7.082 min Scan# 860

Delta R.T. 0.018 min

Lab File: VY007593.D

Acq: 23 Feb 2022 12:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 276

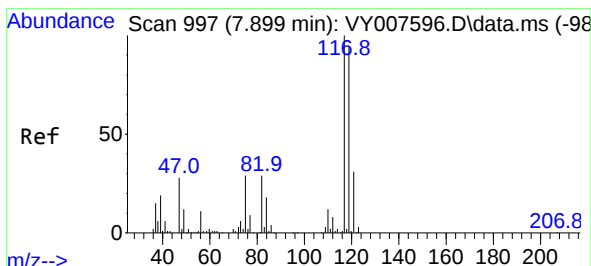
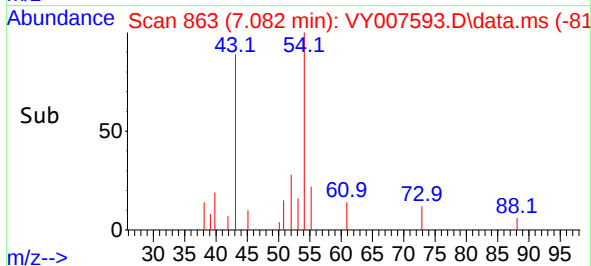
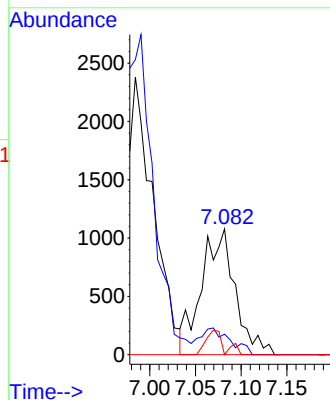
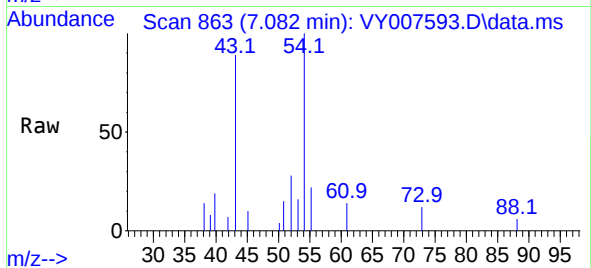
Ion	Ratio	Lower	Upper
43	100		
61	19.0	9.7	14.5
70	9.2	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#38

Carbon Tetrachloride

Concen: 5.763 ug/l

RT: 7.899 min Scan# 997

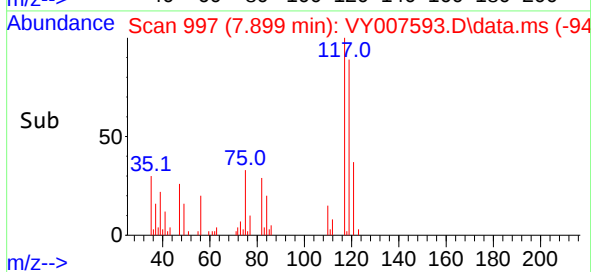
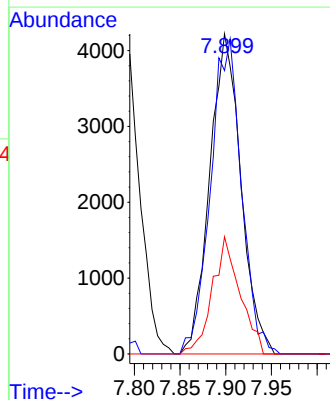
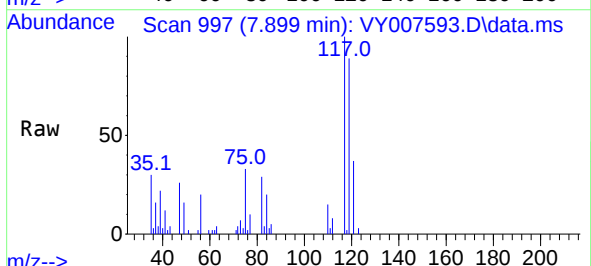
Delta R.T. 0.000 min

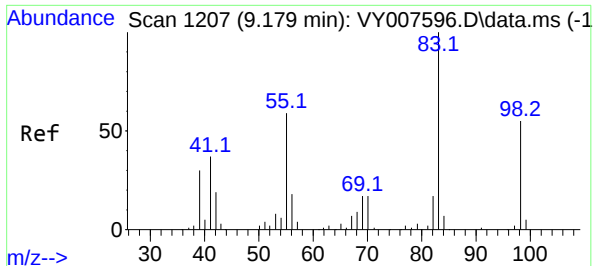
Lab File: VY007593.D

Acq: 23 Feb 2022 12:13

Tgt Ion:117 Resp: 10021

Ion	Ratio	Lower	Upper
117	100		
119	88.6	77.9	116.9
121	36.6	24.8	37.2





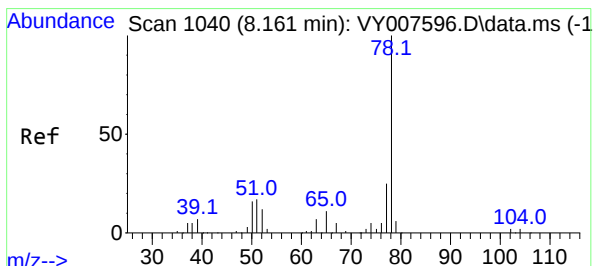
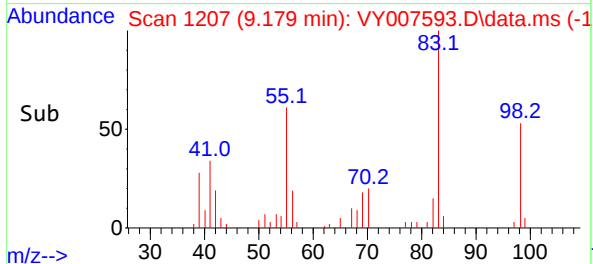
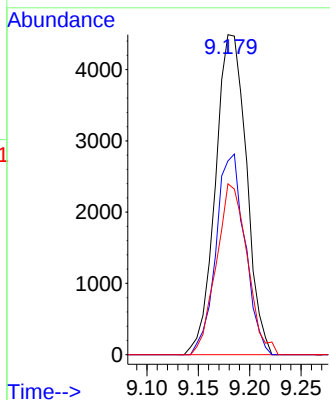
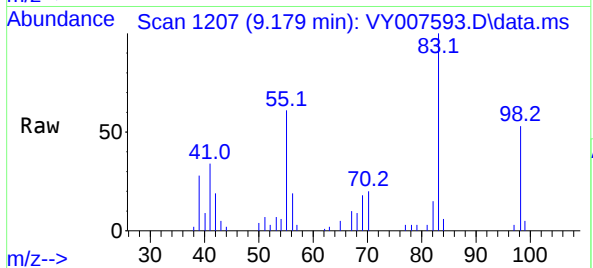
#39
Methylcyclohexane
Concen: 5.915 ug/l
RT: 9.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007593.D
Acq: 23 Feb 2022 12:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 9420
Ion Ratio Lower Upper
83 100
55 60.5 66.5 99.7
98 53.4 37.9 56.9

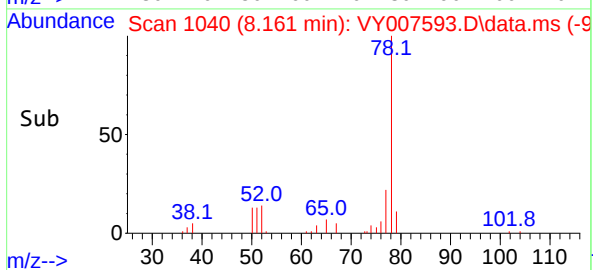
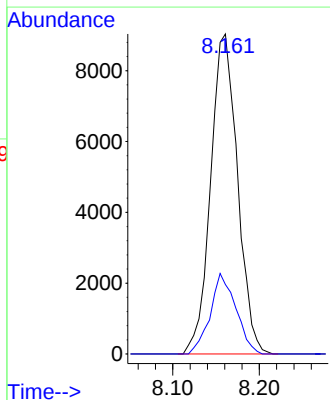
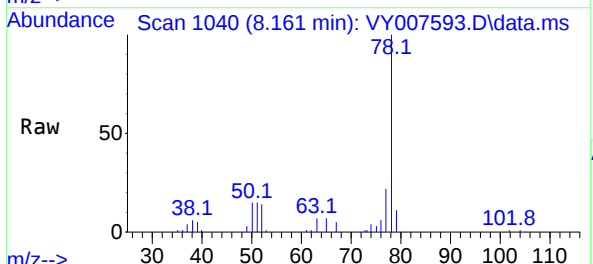
Manual Integrations
APPROVED

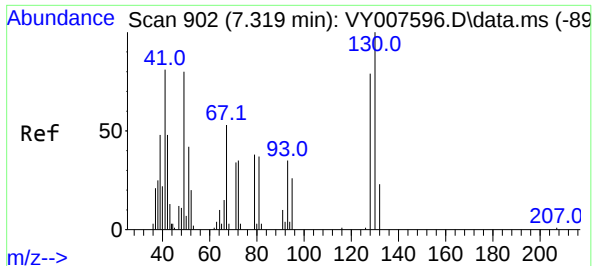
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#40
Benzene
Concen: 5.724 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY007593.D
Acq: 23 Feb 2022 12:13

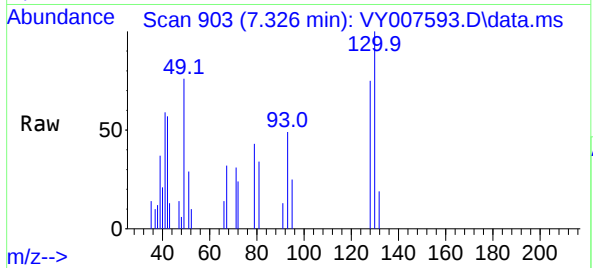
Tgt Ion: 78 Resp: 19493
Ion Ratio Lower Upper
78 100
77 21.7 20.4 30.6





#41
Methacrylonitrile
Concen: 5.505 ug/l m
RT: 7.326 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY007593.D
Acq: 23 Feb 2022 12:13

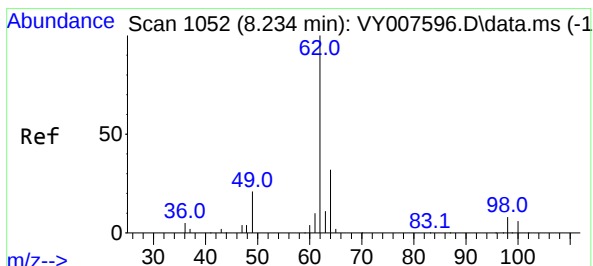
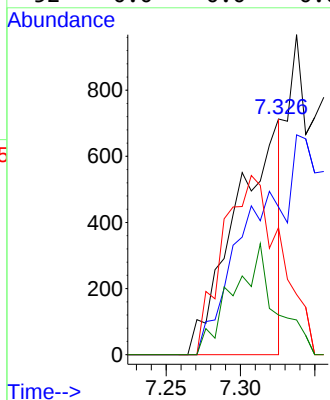
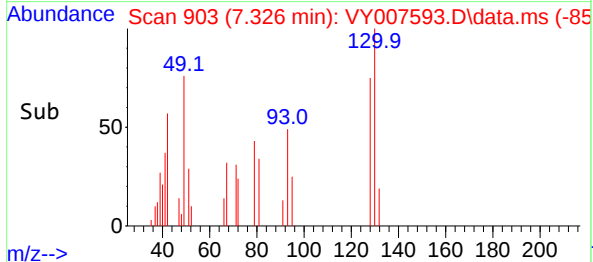
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



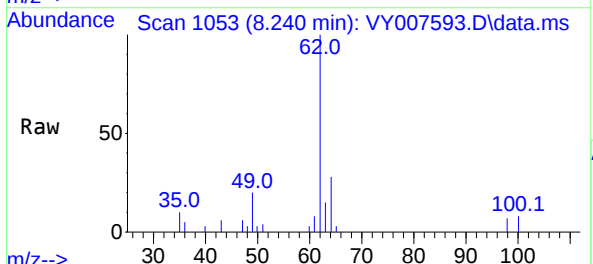
Tgt Ion: 41 Resp: 149
Ion Ratio Lower Upper
41 100
39 161.5 92.9 139.3
67 0.0 0.0 0.0
52 0.0 0.0 0.0

Manual Integrations
APPROVED

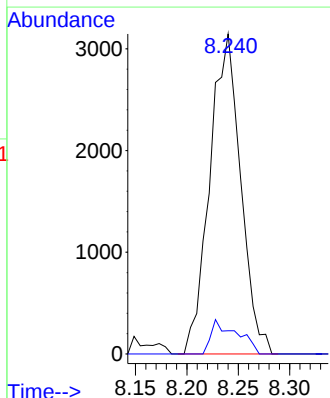
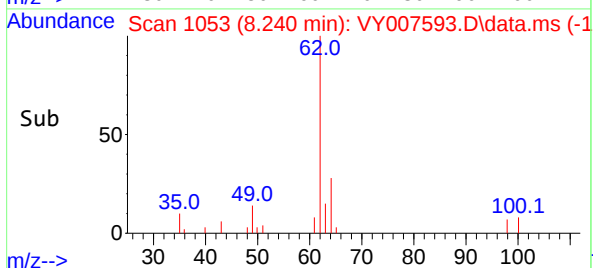
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

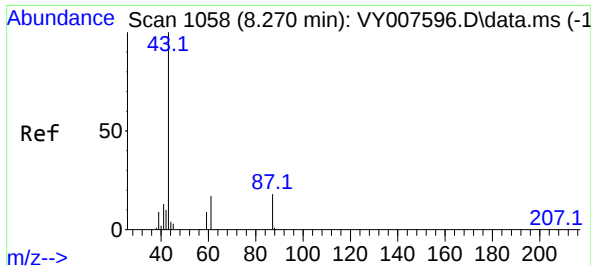


#42
1,2-Dichloroethane
Concen: 5.548 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY007593.D
Acq: 23 Feb 2022 12:13



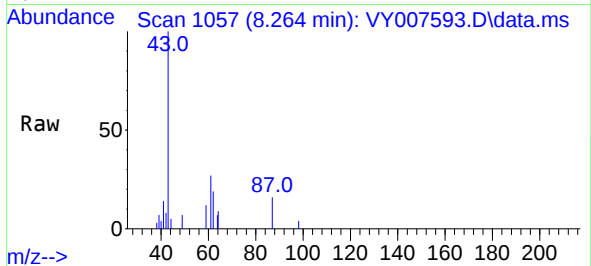
Tgt Ion: 62 Resp: 6583
Ion Ratio Lower Upper
62 100
98 9.0 0.0 14.8





#43
Isopropyl Acetate
Concen: 5.140 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VY007593.D
Acq: 23 Feb 2022 12:13

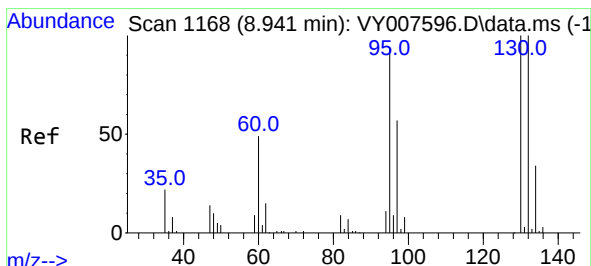
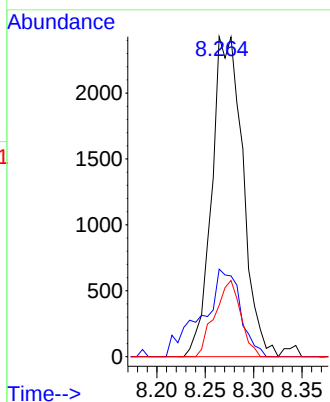
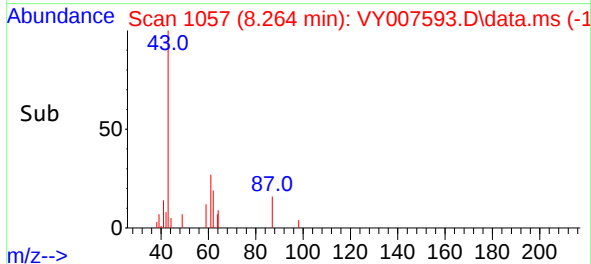
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion: 43 Resp: 5412
Ion Ratio Lower Upper
43 100
61 33.7 20.2 30.2
87 19.9 8.9 13.3

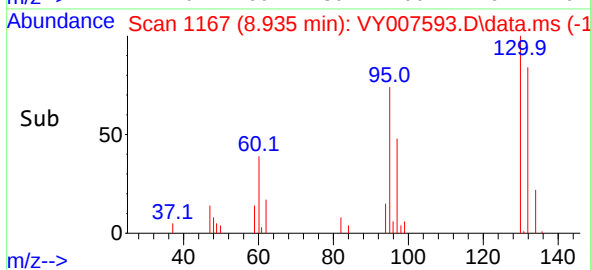
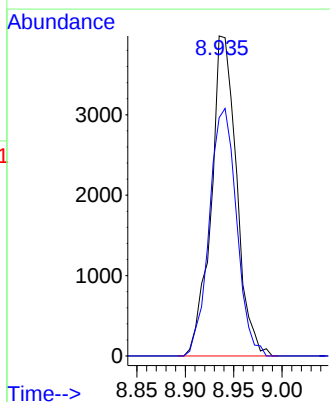
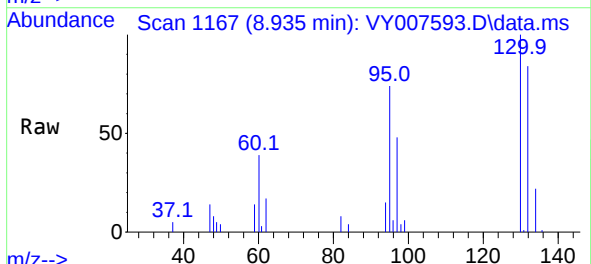
Manual Integrations
APPROVED

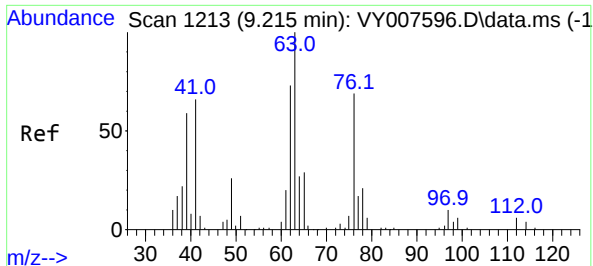
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#44
Trichloroethene
Concen: 6.371 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY007593.D
Acq: 23 Feb 2022 12:13

Tgt Ion:130 Resp: 7284
Ion Ratio Lower Upper
130 100
95 74.5 0.0 188.2





#45

1,2-Dichloropropane

Concen: 5.267 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY007593.D

Acq: 23 Feb 2022 12:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 3968

Ion Ratio Lower Upper

63 100

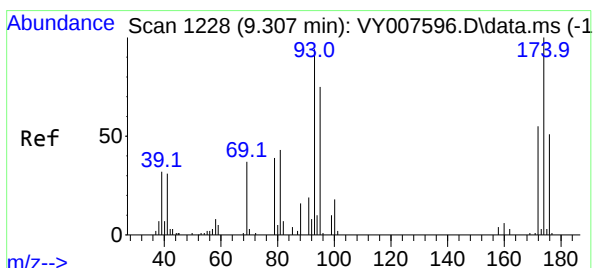
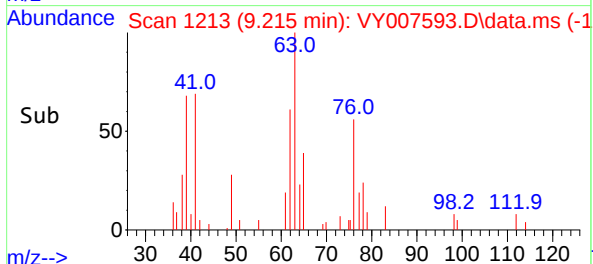
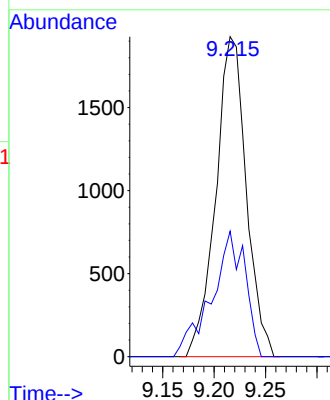
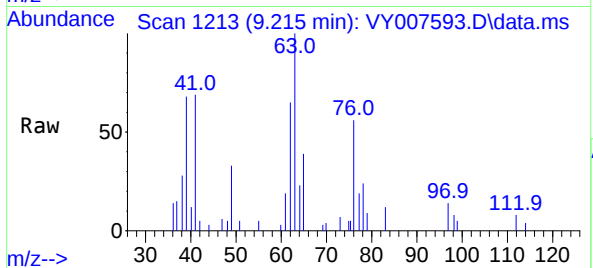
65 39.2 23.0 34.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#46

Dibromomethane

Concen: 5.696 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY007593.D

Acq: 23 Feb 2022 12:13

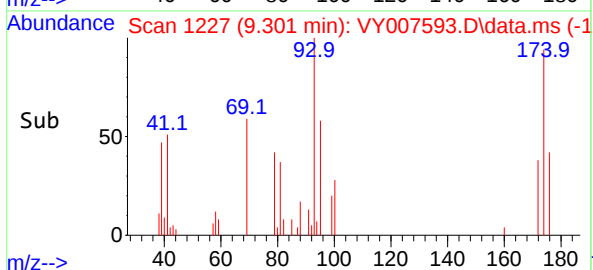
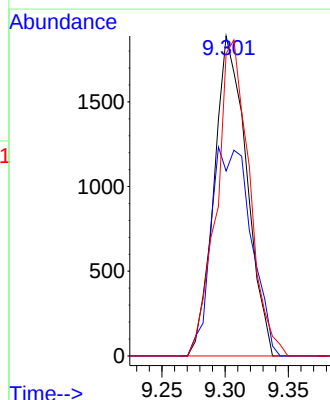
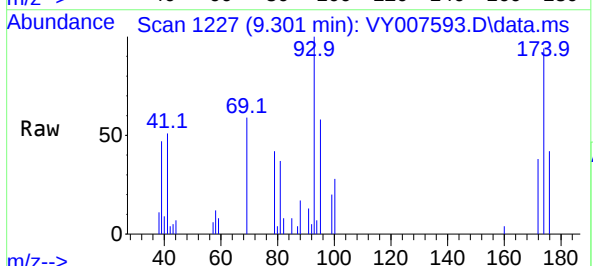
Tgt Ion: 93 Resp: 3358

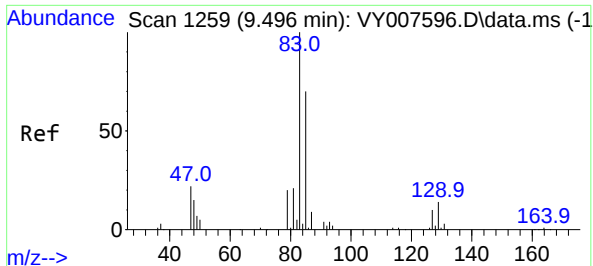
Ion Ratio Lower Upper

93 100

95 81.1 64.3 96.5

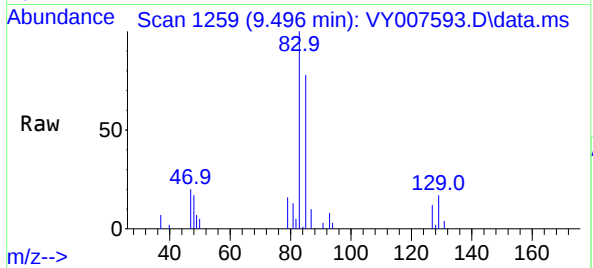
174 99.8 83.4 125.0





#47
Bromodichloromethane
Concen: 5.564 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY007593.D
Acq: 23 Feb 2022 12:13

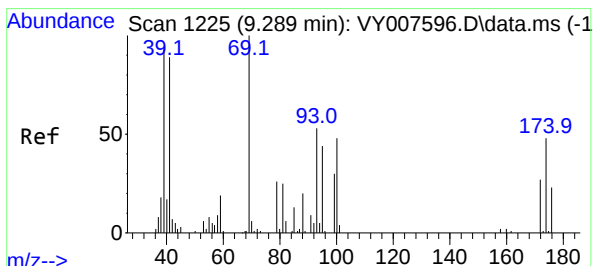
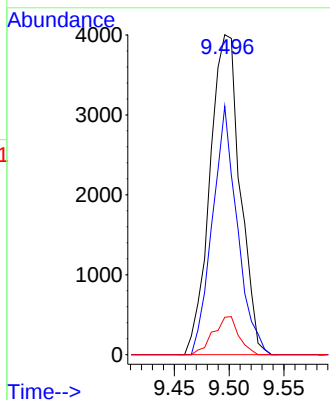
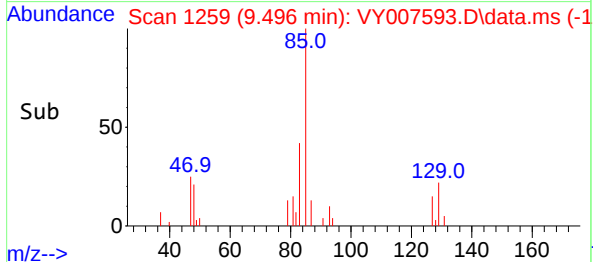
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



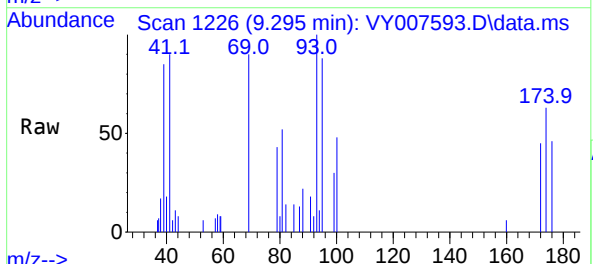
Tgt Ion: 83 Resp: 7699
Ion Ratio Lower Upper
83 100
85 77.7 51.9 77.9
127 11.7 6.6 10.0

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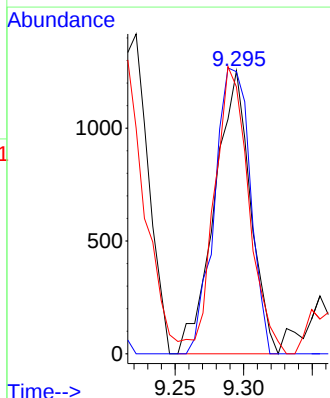
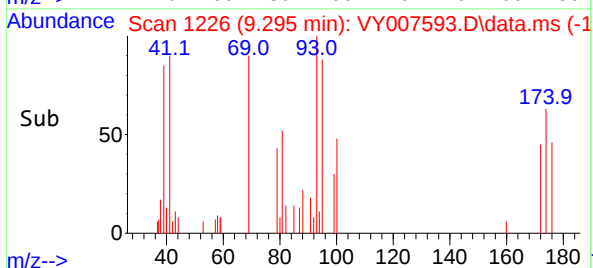
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

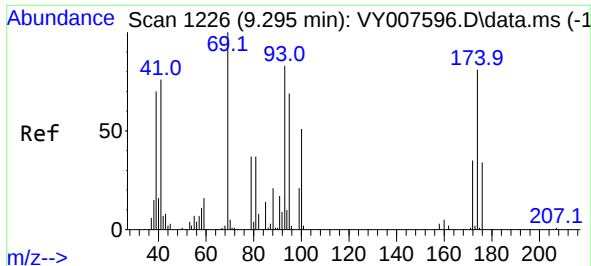


#48
Methyl methacrylate
Concen: 5.091 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY007593.D
Acq: 23 Feb 2022 12:13



Tgt Ion: 41 Resp: 2282
Ion Ratio Lower Upper
41 100
69 100.6 58.2 87.2#
39 97.5 47.4 71.0#





#49

1,4-Dioxane

Concen: 118.000 ug/l

RT: 9.289 min Scan# 1226

Delta R.T. -0.006 min

Lab File: VY007593.D

Acq: 23 Feb 2022 12:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 88 Resp: 799

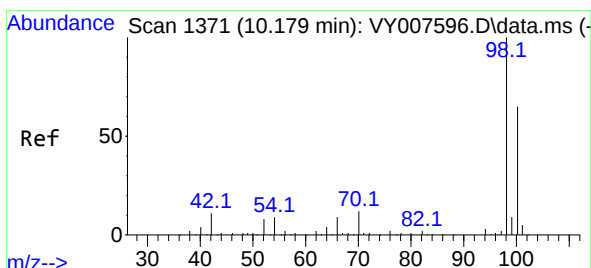
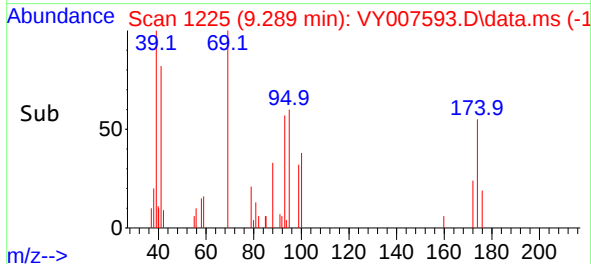
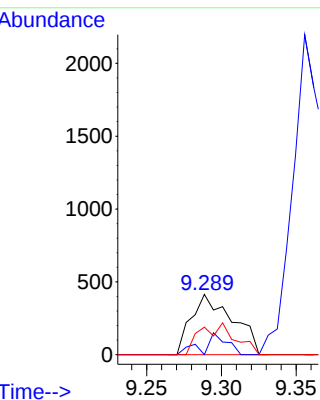
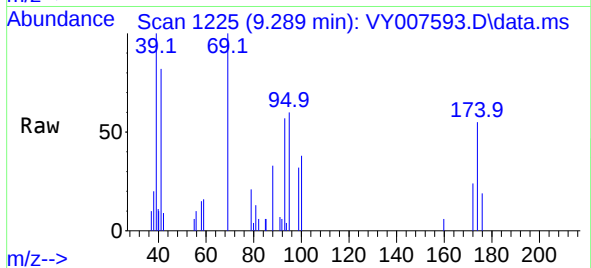
Ion	Ratio	Lower	Upper
88	100		
43	20.3	32.8	49.2
58	44.1	59.8	89.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#50

Toluene-d8

Concen: 5.129 ug/l

RT: 10.179 min Scan# 1371

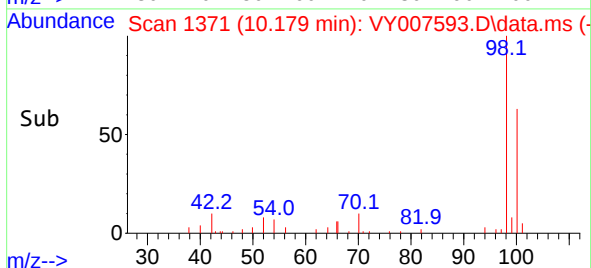
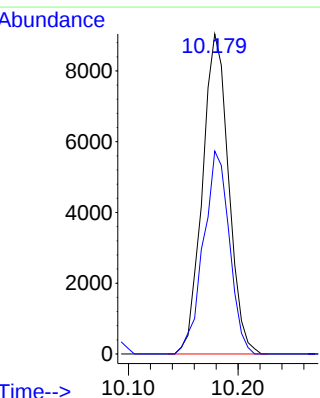
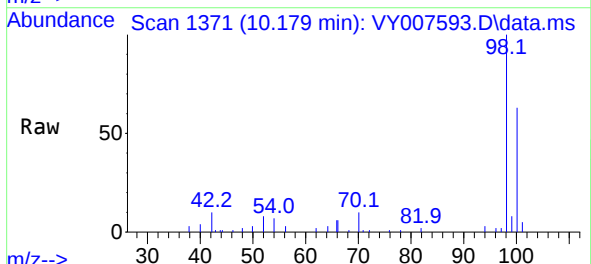
Delta R.T. 0.000 min

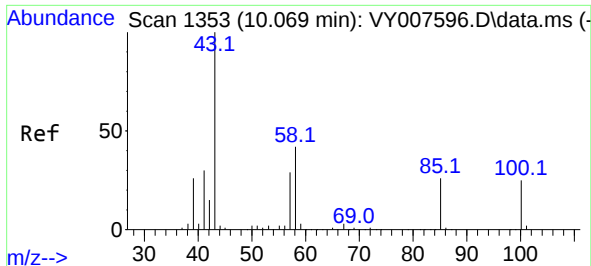
Lab File: VY007593.D

Acq: 23 Feb 2022 12:13

Tgt Ion: 98 Resp: 14997

Ion	Ratio	Lower	Upper
98	100		
100	62.9	50.2	75.2





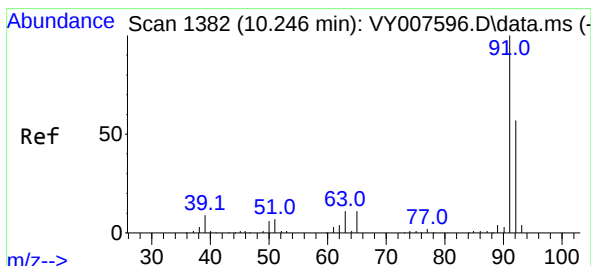
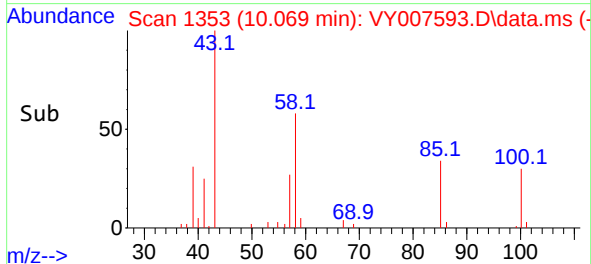
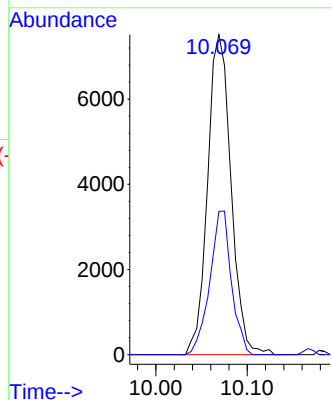
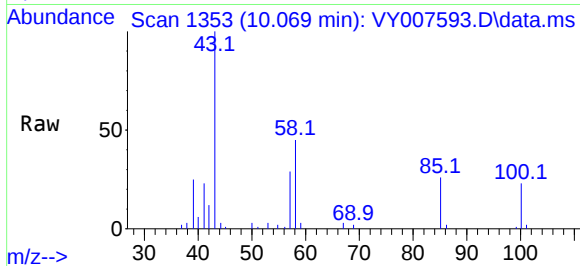
#51
4-Methyl-2-Pentanone
Concen: 25.516 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY007593.D
Acq: 23 Feb 2022 12:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 13374
Ion Ratio Lower Upper
43 100
58 41.5 28.1 42.1

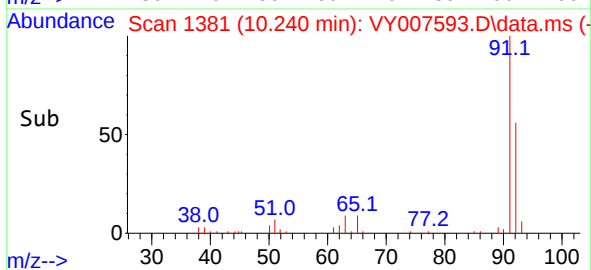
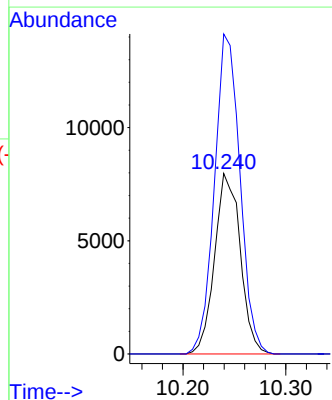
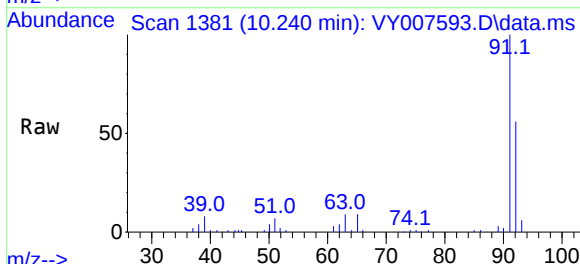
Manual Integrations
APPROVED

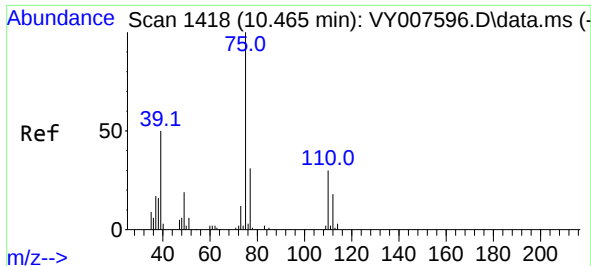
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#52
Toluene
Concen: 5.918 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY007593.D
Acq: 23 Feb 2022 12:13

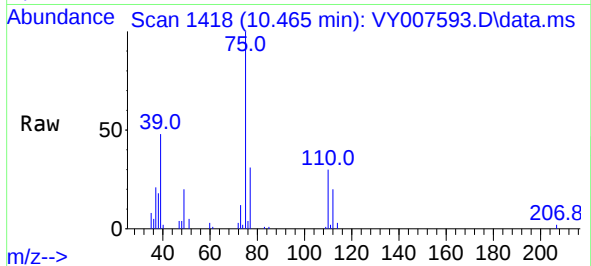
Tgt Ion: 92 Resp: 13804
Ion Ratio Lower Upper
92 100
91 176.3 142.6 213.8





#53
t-1,3-Dichloropropene
Concen: 5.622 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY007593.D
Acq: 23 Feb 2022 12:13

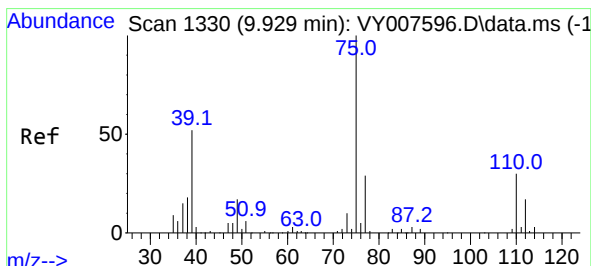
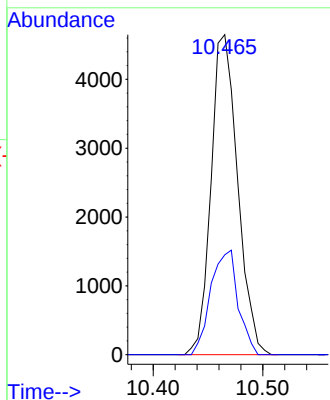
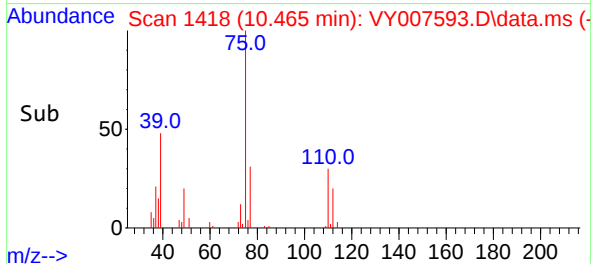
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 7848
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.2

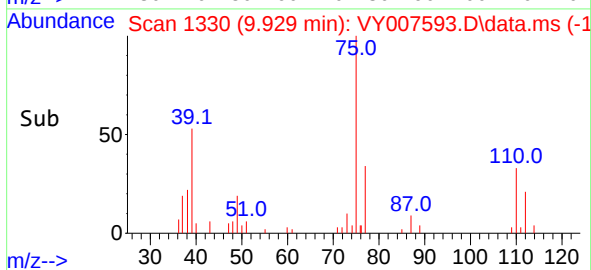
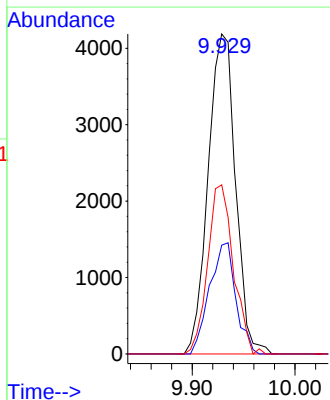
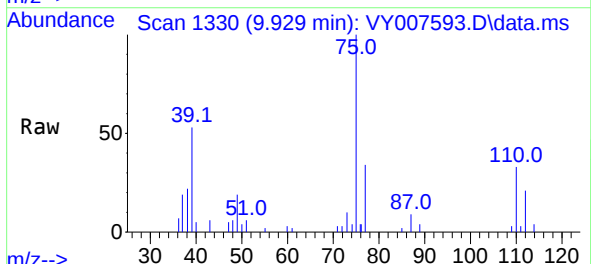
Manual Integrations
APPROVED

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



#54
cis-1,3-Dichloropropene
Concen: 5.252 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY007593.D
Acq: 23 Feb 2022 12:13

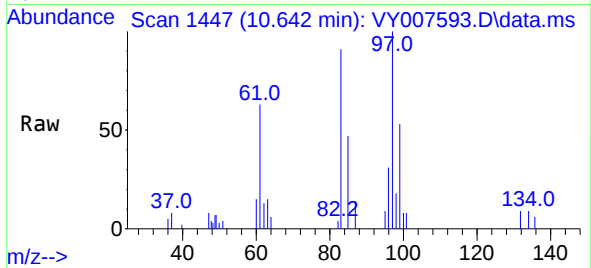
Tgt Ion: 75 Resp: 7746
Ion Ratio Lower Upper
75 100
77 34.0 25.6 38.4
39 52.8 47.6 71.4





#55
1,1,2-Trichloroethane
Concen: 5.474 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY007593.D
Acq: 23 Feb 2022 12:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

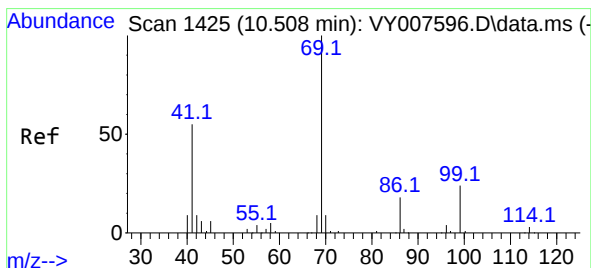
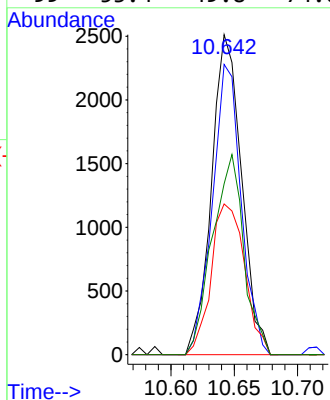
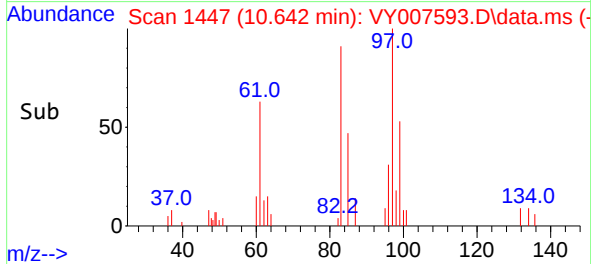


Tgt Ion: 97 Resp: 414

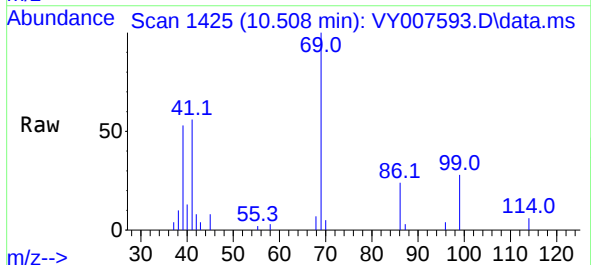
Ion	Ratio	Lower	Upper
97	100		
83	90.7	69.8	104.8
85	47.1	44.3	66.5
99	53.4	49.8	74.6

Manual Integrations
APPROVED

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

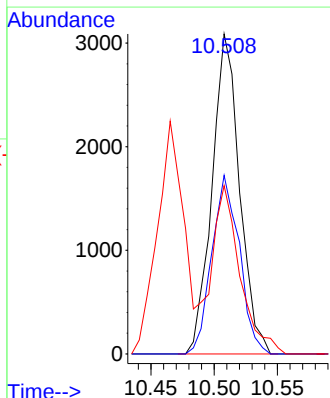
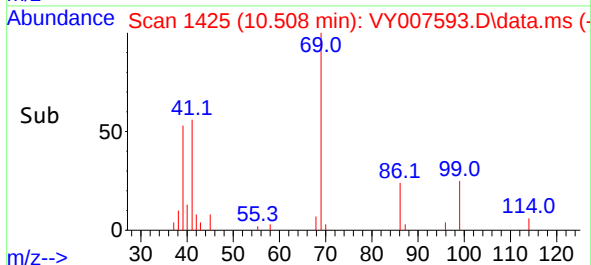


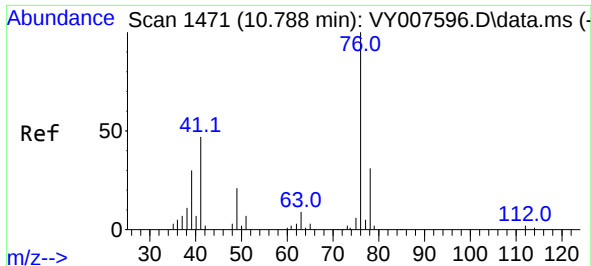
#56
Ethyl methacrylate
Concen: 5.072 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY007593.D
Acq: 23 Feb 2022 12:13



Tgt Ion: 69 Resp: 4675

Ion	Ratio	Lower	Upper
69	100		
41	55.9	63.4	95.0#
39	51.4	35.8	53.8





#57

1,3-Dichloropropane

Concen: 5.381 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY007593.D

Acq: 23 Feb 2022 12:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 6494

Ion Ratio Lower Upper

76 100

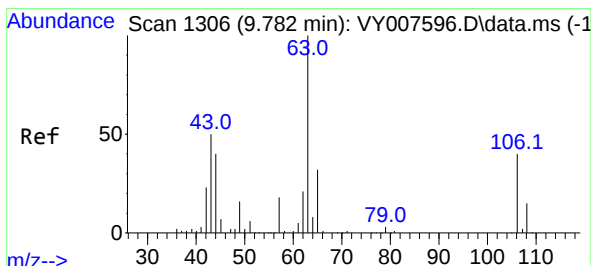
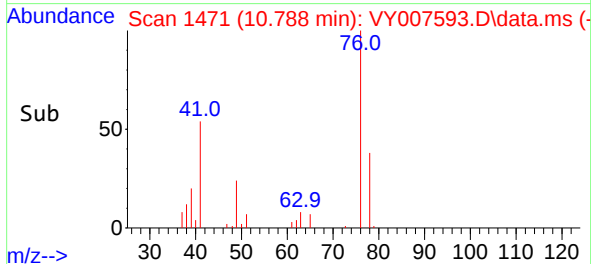
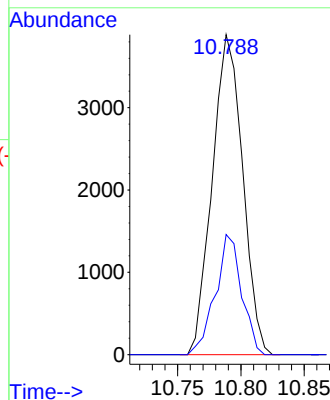
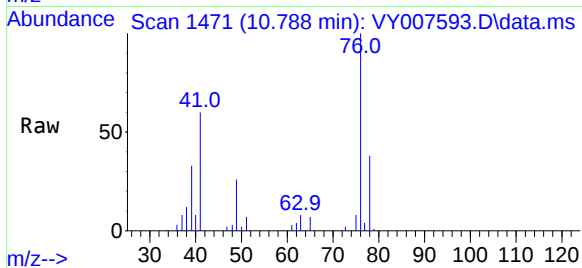
78 32.5 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#58

2-Chloroethyl Vinyl ether

Concen: 22.991 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY007593.D

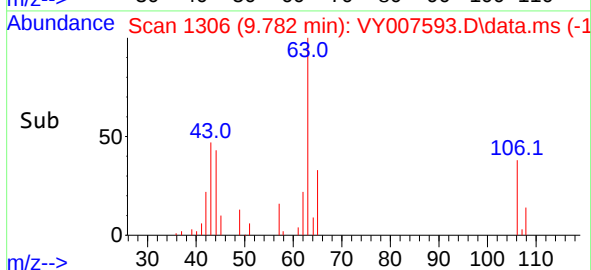
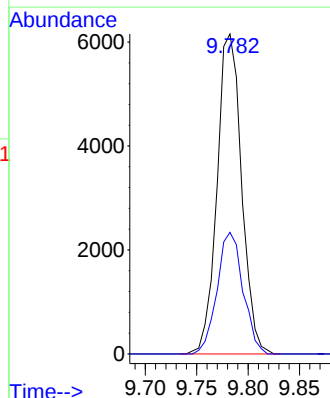
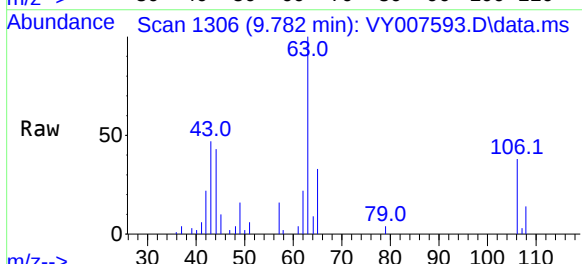
Acq: 23 Feb 2022 12:13

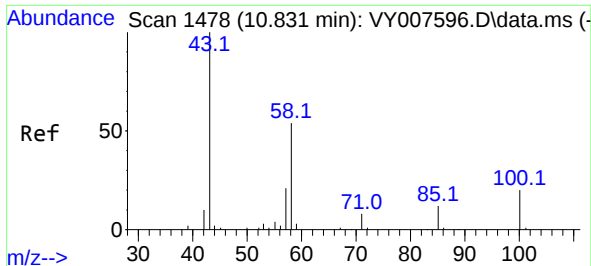
Tgt Ion: 63 Resp: 10210

Ion Ratio Lower Upper

63 100

106 40.1 21.5 32.3#





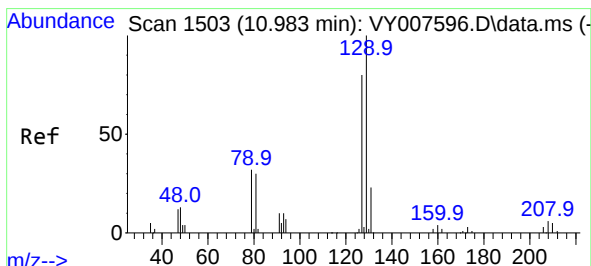
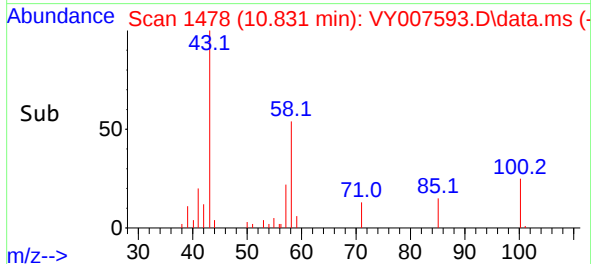
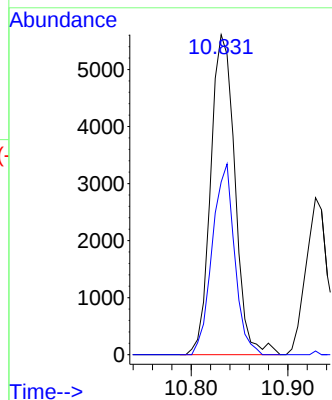
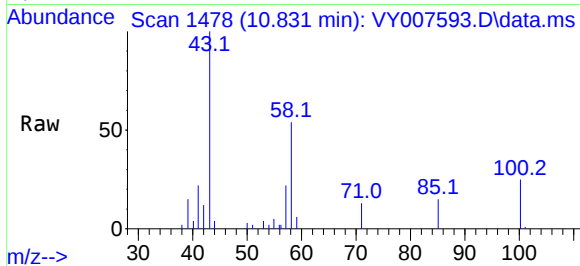
#59
2-Hexanone
Concen: 25.768 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY007593.D
Acq: 23 Feb 2022 12:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 977
Ion Ratio Lower Upper
43 100
58 55.1 24.4 73.4

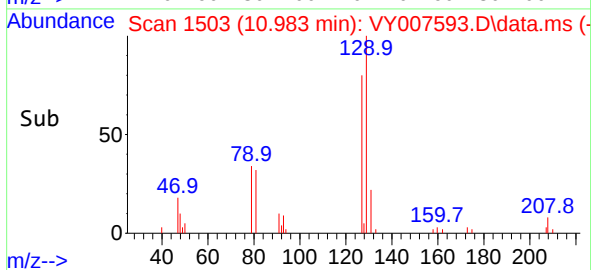
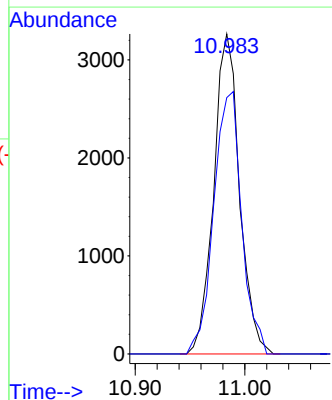
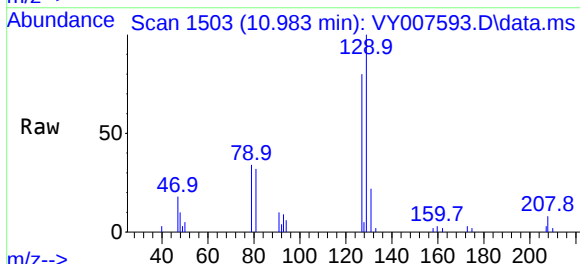
Manual Integrations
APPROVED

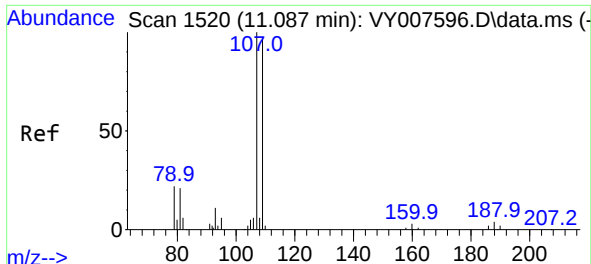
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#60
Dibromochloromethane
Concen: 5.143 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY007593.D
Acq: 23 Feb 2022 12:13

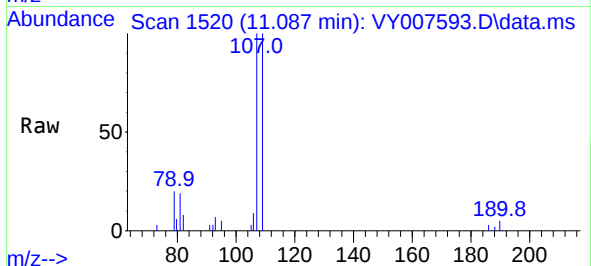
Tgt Ion:129 Resp: 5336
Ion Ratio Lower Upper
129 100
127 88.7 38.7 116.1





#61
1,2-Dibromoethane
Concen: 5.631 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY007593.D
Acq: 23 Feb 2022 12:13

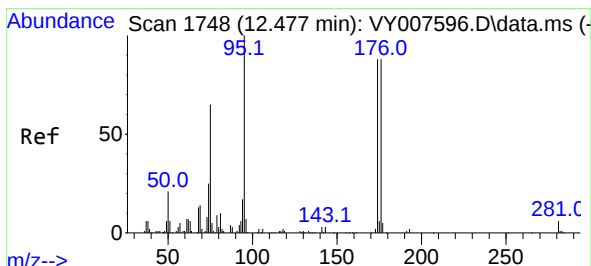
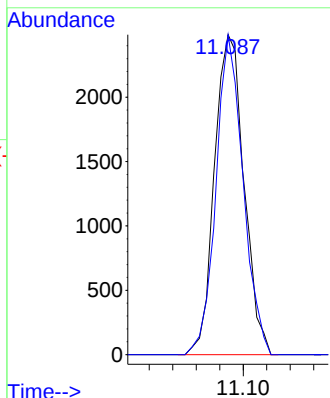
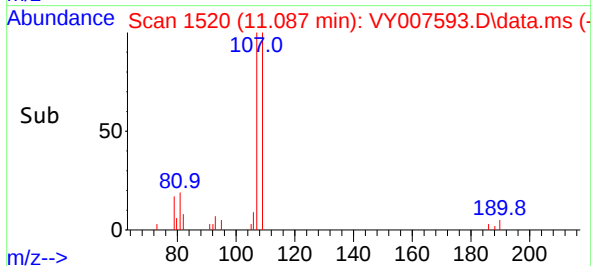
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



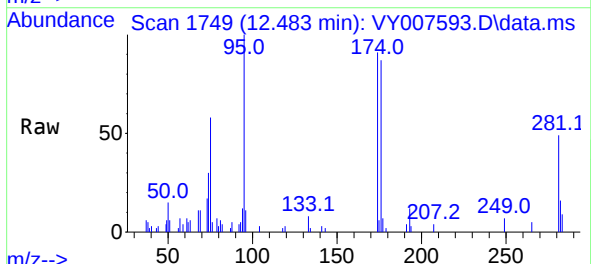
Tgt Ion:107 Resp: 433
Ion Ratio Lower Upper
107 100
109 92.0 75.4 113.2

Manual Integrations
APPROVED

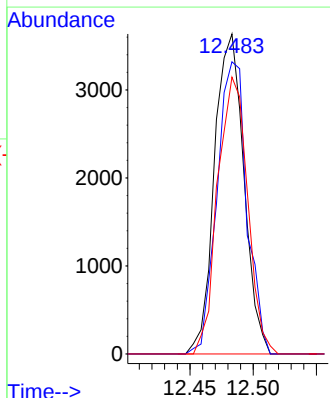
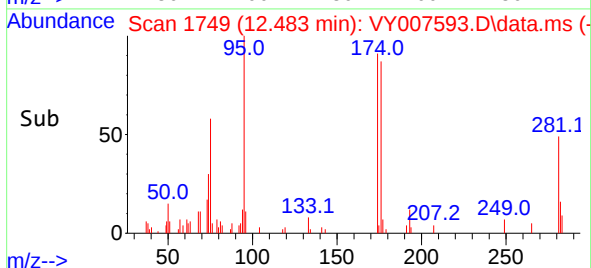
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

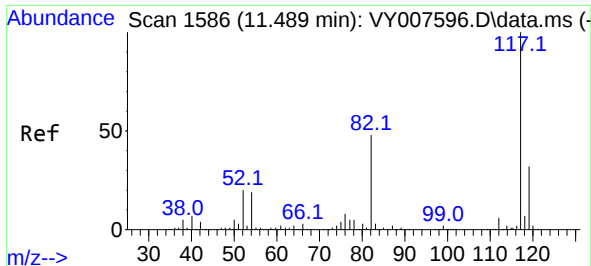


#62
4-Bromofluorobenzene
Concen: 5.580 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY007593.D
Acq: 23 Feb 2022 12:13



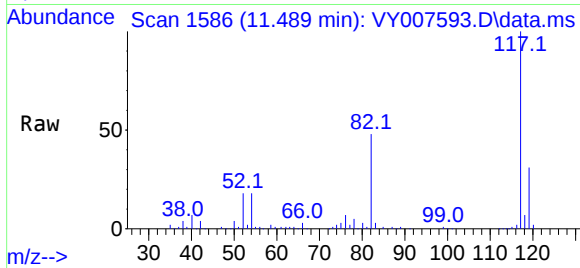
Tgt Ion: 95 Resp: 5864
Ion Ratio Lower Upper
95 100
174 92.8 0.0 177.0
176 88.2 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY007593.D
Acq: 23 Feb 2022 12:13

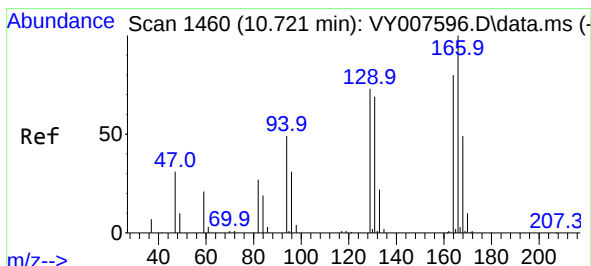
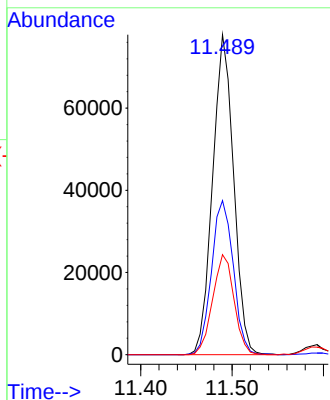
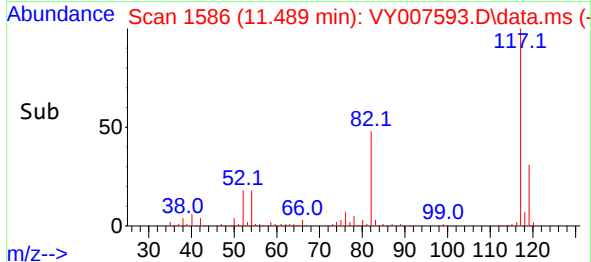
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



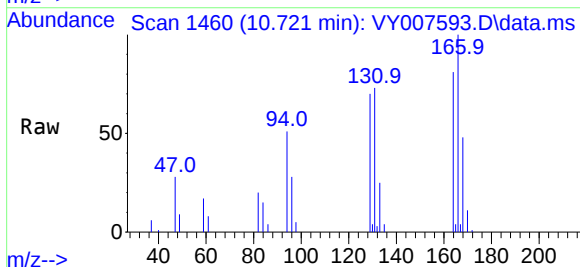
Tgt Ion:117 Resp: 124390
Ion Ratio Lower Upper
117 100
82 48.2 43.0 64.4
119 31.2 25.4 38.0

Manual Integrations
APPROVED

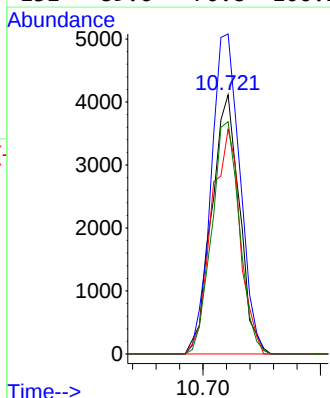
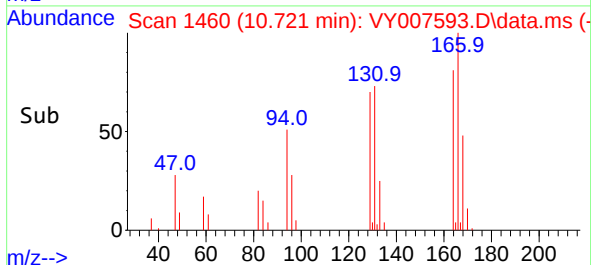
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

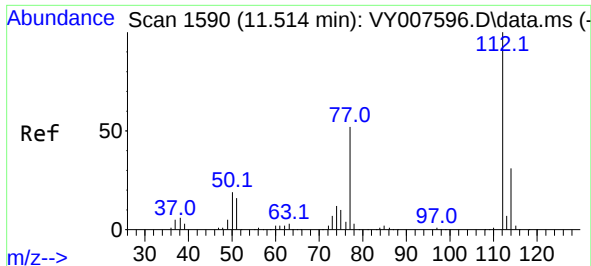


#64
Tetrachloroethene
Concen: 6.497 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY007593.D
Acq: 23 Feb 2022 12:13



Tgt Ion:164 Resp: 6797
Ion Ratio Lower Upper
164 100
166 123.4 100.4 150.6
129 86.7 71.4 107.0
131 89.6 70.8 106.2





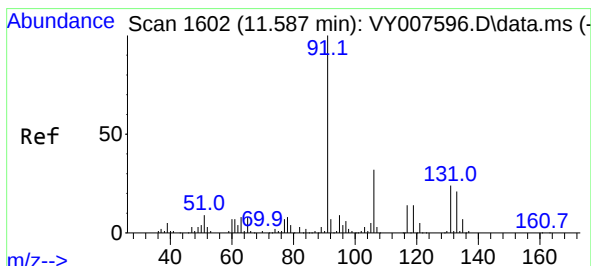
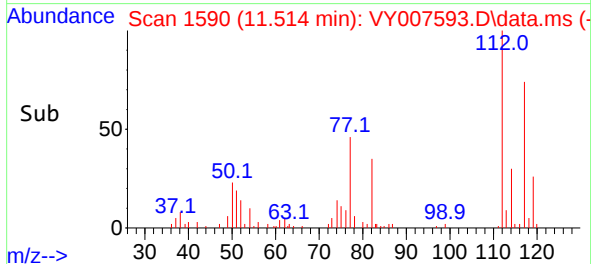
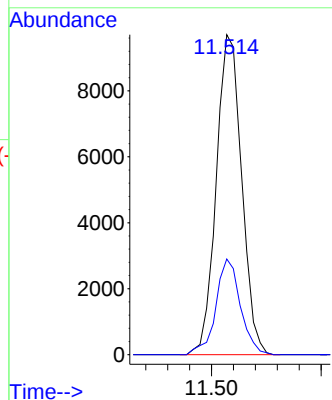
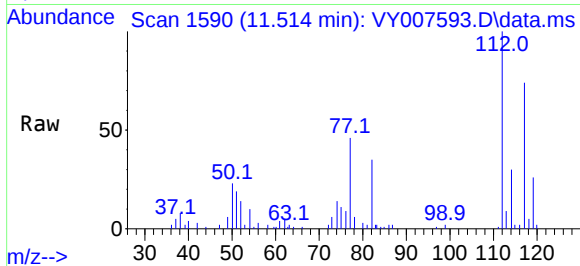
#65
Chlorobenzene
Concen: 5.894 ug/l
RT: 11.514 min Scan# 1159
Delta R.T. 0.000 min
Lab File: VY007593.D
Acq: 23 Feb 2022 12:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 1561
Ion Ratio Lower Upper
112 100
114 29.9 25.8 38.6

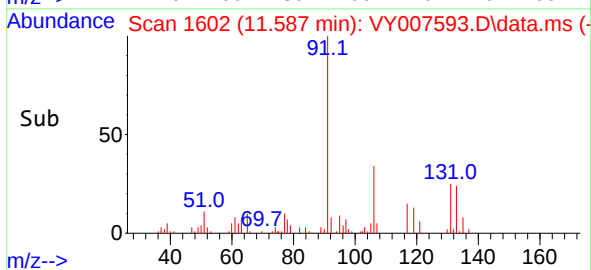
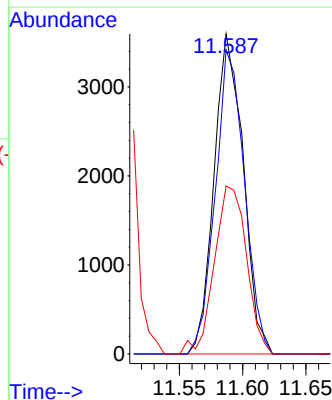
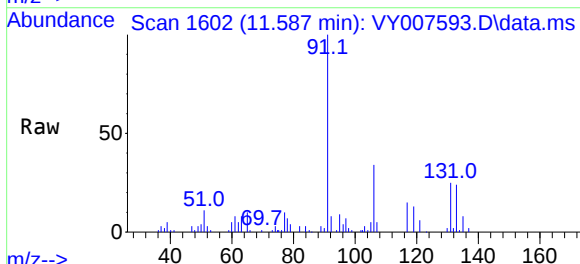
Manual Integrations
APPROVED

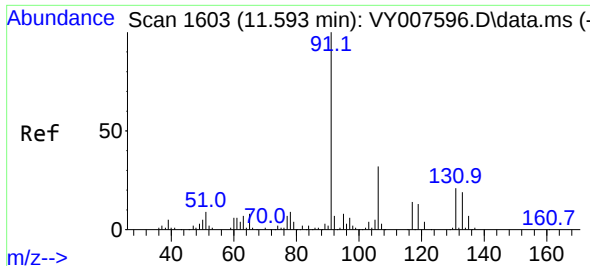
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 5.456 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY007593.D
Acq: 23 Feb 2022 12:13

Tgt Ion:131 Resp: 5760
Ion Ratio Lower Upper
131 100
133 95.2 47.9 143.6
119 57.9 30.8 92.3





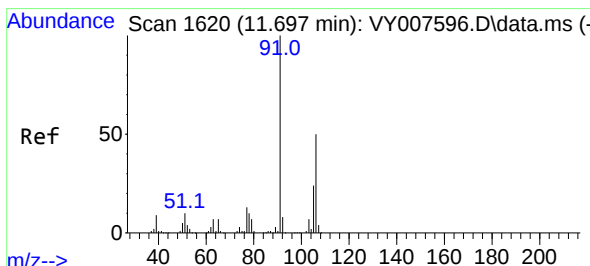
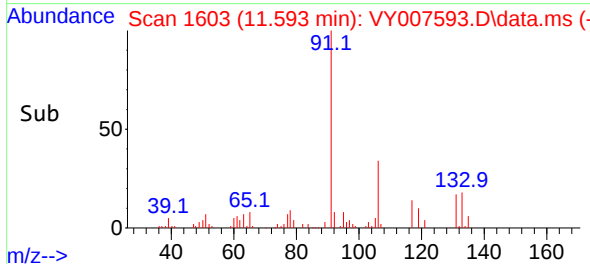
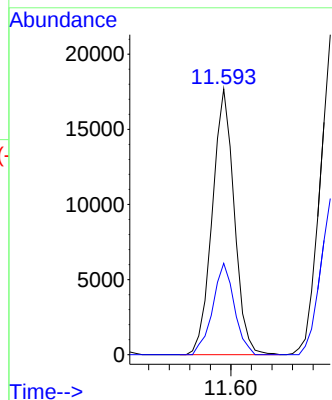
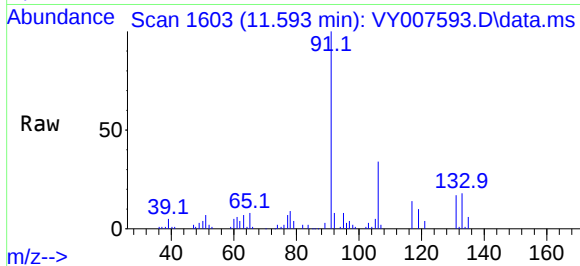
#67
Ethyl Benzene
Concen: 5.637 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY007593.D
Acq: 23 Feb 2022 12:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 26160
Ion Ratio Lower Upper
91 100
106 34.4 24.5 36.7

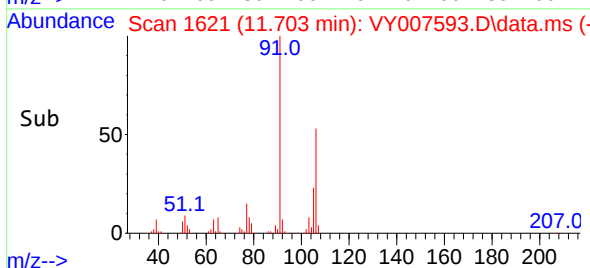
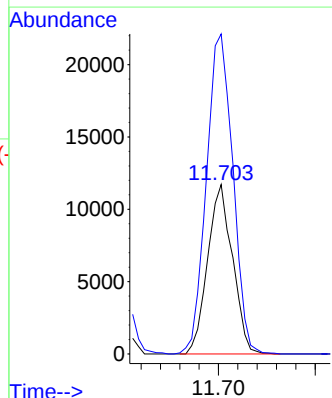
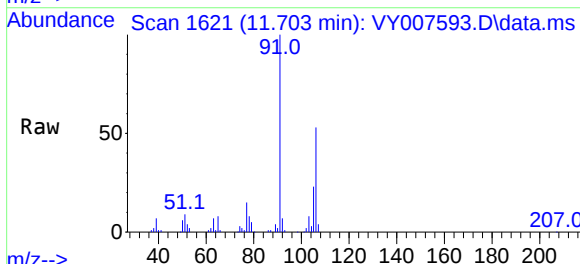
Manual Integrations
APPROVED

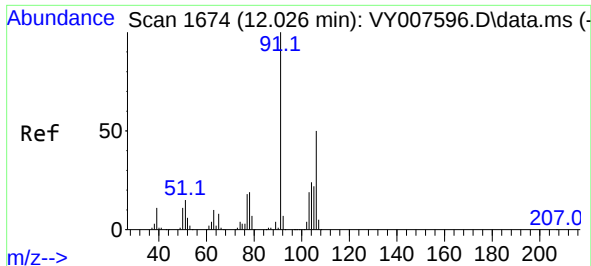
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#68
m/p-Xylenes
Concen: 11.728 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VY007593.D
Acq: 23 Feb 2022 12:13

Tgt Ion:106 Resp: 20965
Ion Ratio Lower Upper
106 100
91 200.8 166.6 249.8





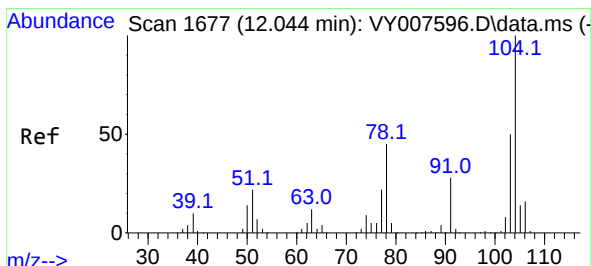
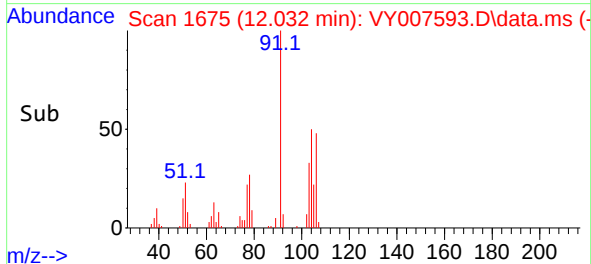
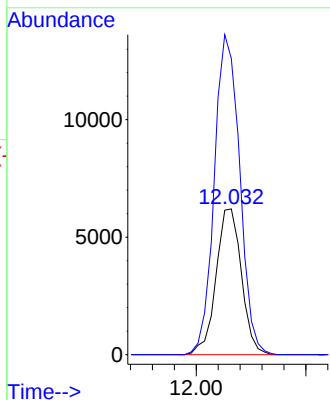
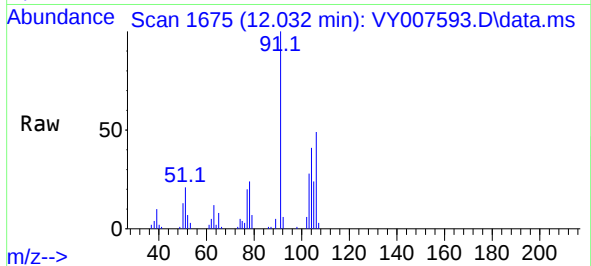
#69
o-Xylene
Concen: 5.811 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY007593.D
Acq: 23 Feb 2022 12:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 10000
Ion Ratio Lower Upper
106 100
91 219.3 110.3 331.0

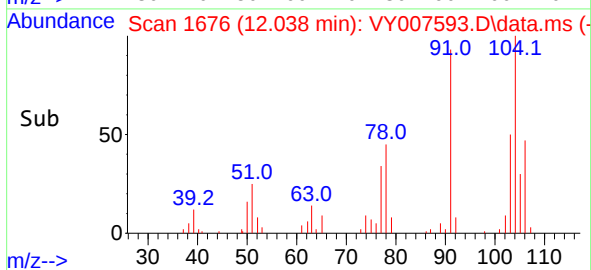
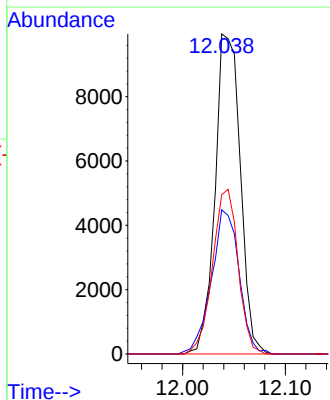
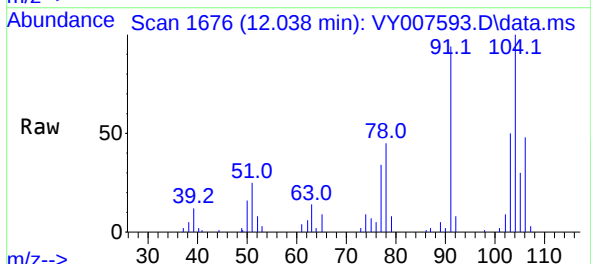
Manual Integrations
APPROVED

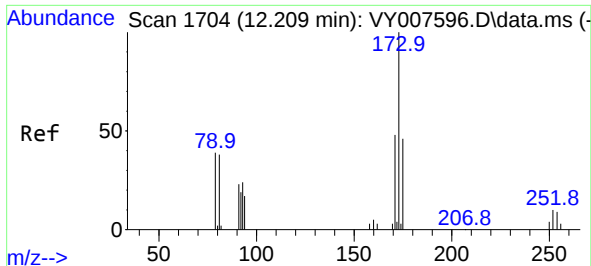
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#70
Styrene
Concen: 5.913 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.006 min
Lab File: VY007593.D
Acq: 23 Feb 2022 12:13

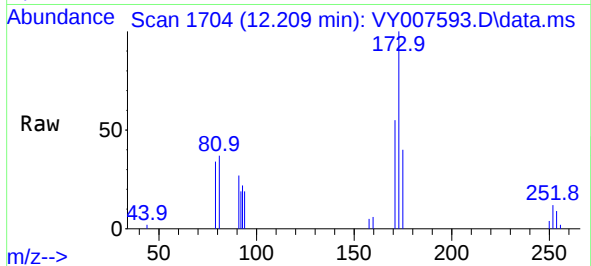
Tgt Ion:104 Resp: 16944
Ion Ratio Lower Upper
104 100
78 49.5 42.4 63.6
103 52.1 44.4 66.6





#71
Bromoform
Concen: 5.697 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY007593.D
Acq: 23 Feb 2022 12:13

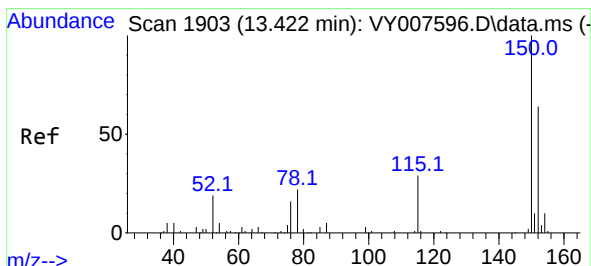
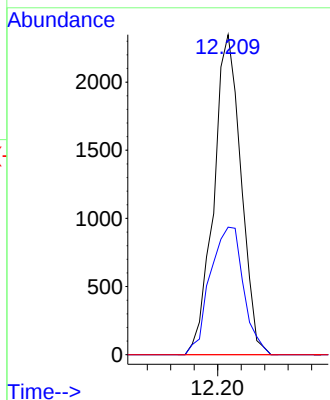
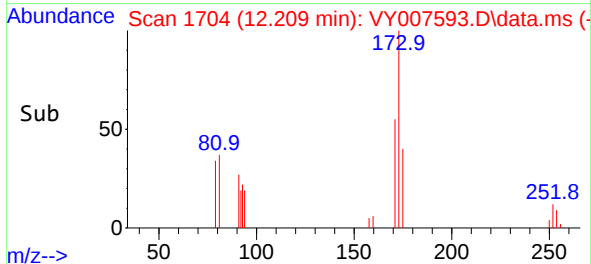
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



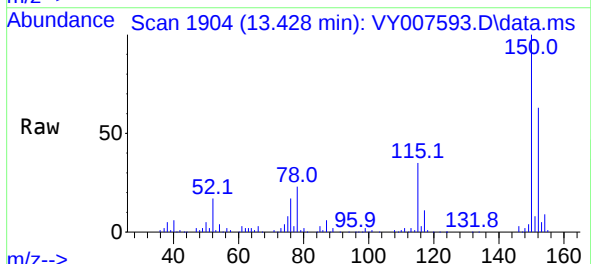
Tgt Ion:173 Resp: 3792
Ion Ratio Lower Upper
173 100
175 48.8 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

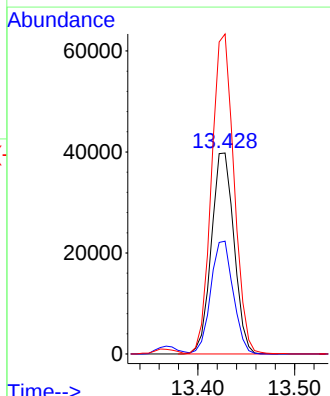
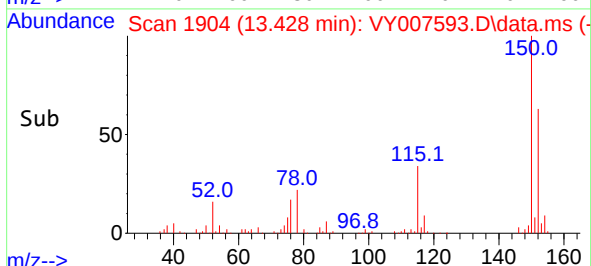
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

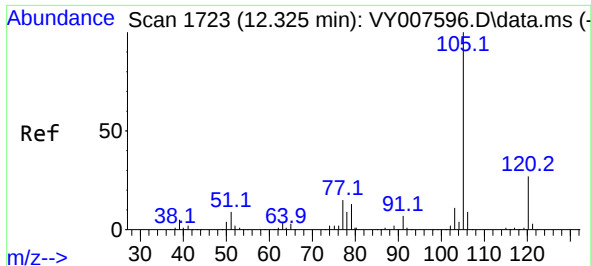


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007593.D
Acq: 23 Feb 2022 12:13



Tgt Ion:152 Resp: 64579
Ion Ratio Lower Upper
152 100
115 55.7 28.2 84.7
150 158.4 0.0 347.6





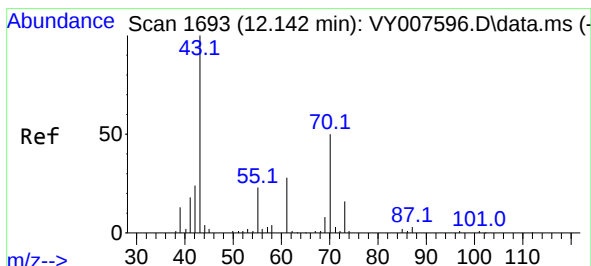
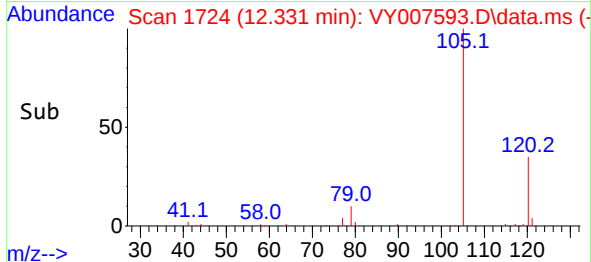
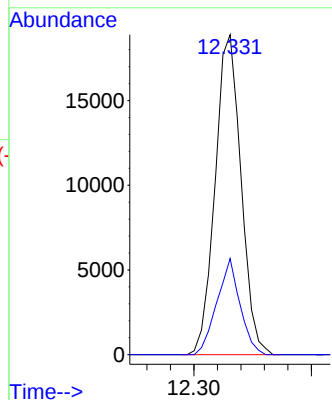
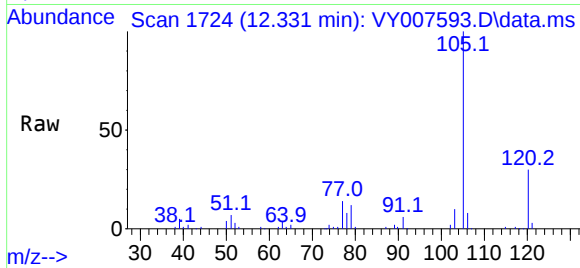
#73
Isopropylbenzene
Concen: 5.642 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY007593.D
Acq: 23 Feb 2022 12:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:105 Resp: 28889
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.2

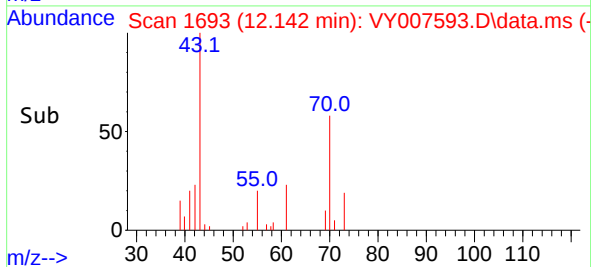
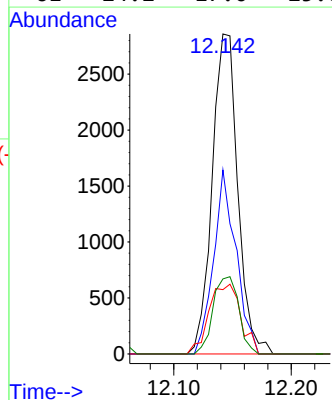
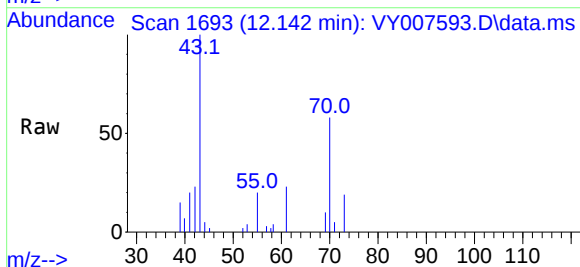
Manual Integrations
APPROVED

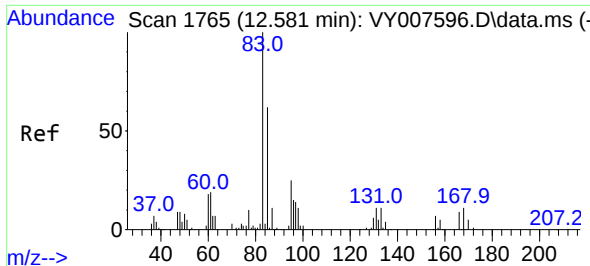
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#74
N-amy1 acetate
Concen: 4.483 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY007593.D
Acq: 23 Feb 2022 12:13

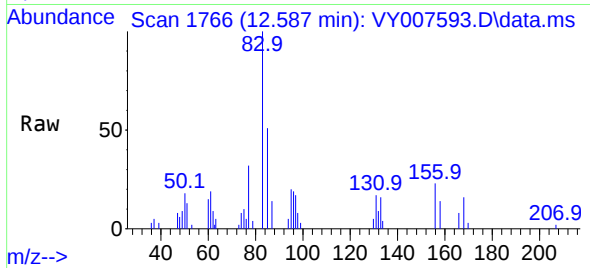
Tgt Ion: 43 Resp: 4335
Ion Ratio Lower Upper
43 100
70 50.3 28.7 43.1#
55 26.9 17.3 25.9#
61 24.2 17.0 25.6





#75
1,1,2,2-Tetrachloroethane
Concen: 4.893 ug/l
RT: 12.587 min Scan# 1765
Delta R.T. 0.006 min
Lab File: VY007593.D
Acq: 23 Feb 2022 12:13

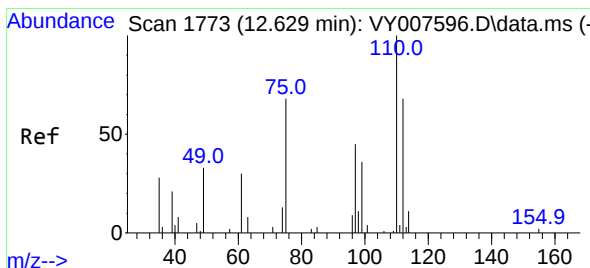
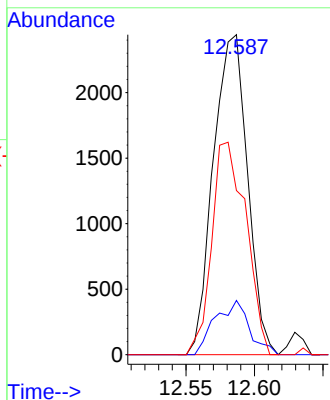
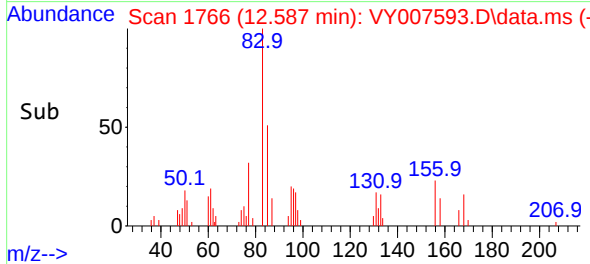
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 83 Resp: 4244
Ion Ratio Lower Upper
83 100
131 16.9 5.6 16.8
85 66.4 32.3 96.8

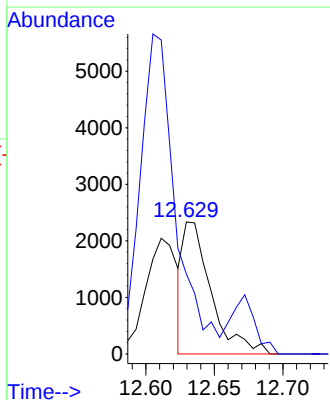
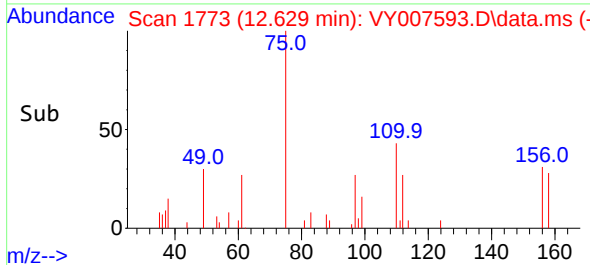
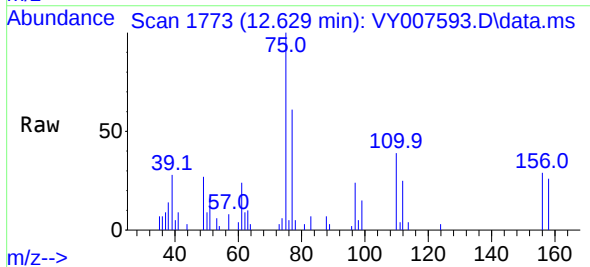
Manual Integrations
APPROVED

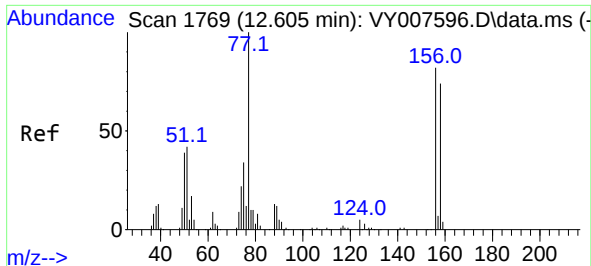
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#76
1,2,3-Trichloropropane
Concen: 4.585 ug/l
RT: 12.629 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY007593.D
Acq: 23 Feb 2022 12:13

Tgt Ion: 75 Resp: 3312
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





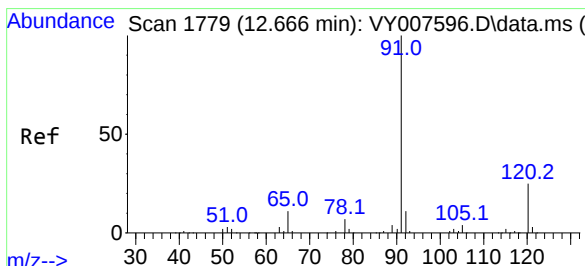
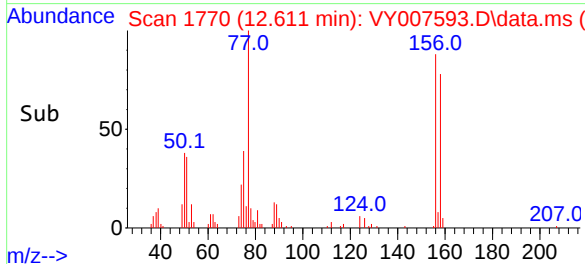
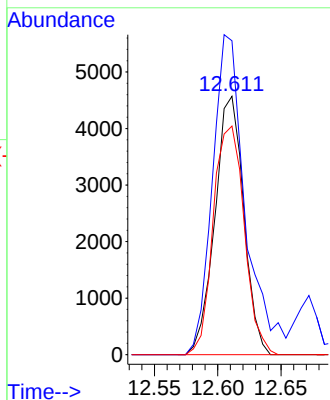
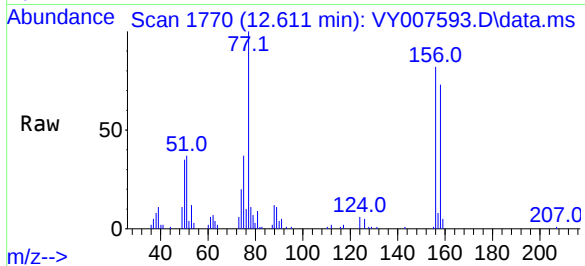
#77
Bromobenzene
Concen: 5.921 ug/l
RT: 12.611 min Scan# 1769
Delta R.T. 0.006 min
Lab File: VY007593.D
Acq: 23 Feb 2022 12:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 156 Resp: 725
Ion Ratio Lower Upper
156 100
77 140.6 95.5 286.4
158 95.0 48.0 144.0

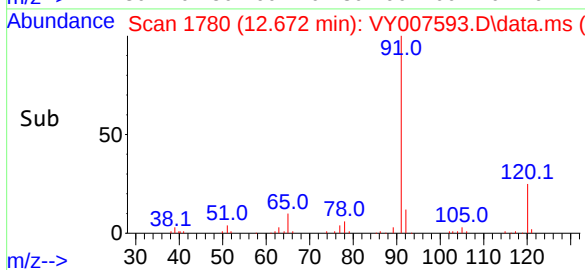
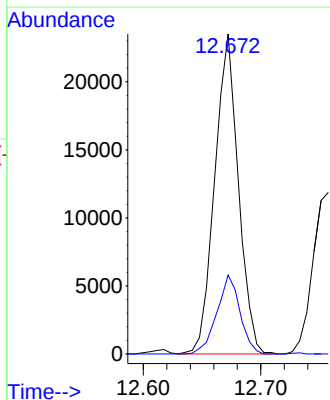
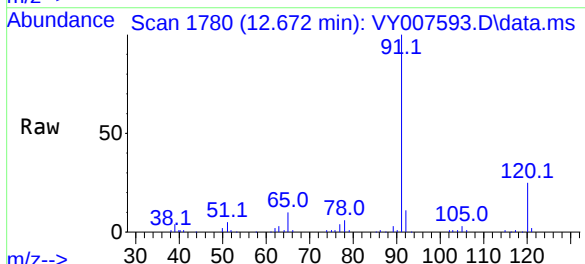
Manual Integrations
APPROVED

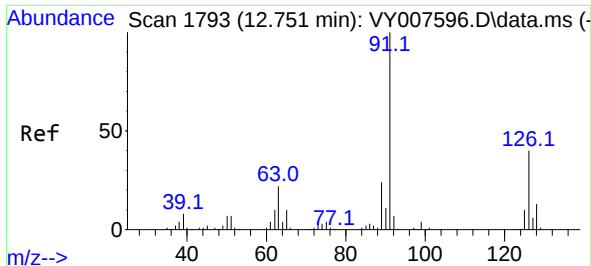
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#78
n-propylbenzene
Concen: 5.513 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY007593.D
Acq: 23 Feb 2022 12:13

Tgt Ion: 91 Resp: 32921
Ion Ratio Lower Upper
91 100
120 24.0 11.3 33.9





#79

2-Chlorotoluene

Concen: 5.675 ug/l

RT: 12.757 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY007593.D

Acq: 23 Feb 2022 12:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 91 Resp: 1885

Ion Ratio Lower Upper

91 100

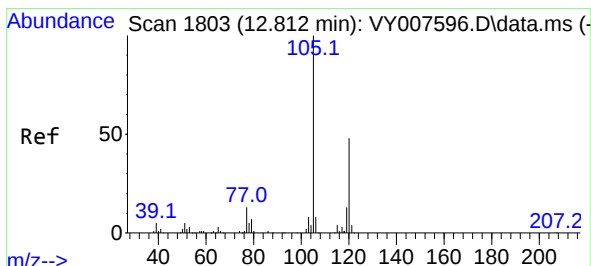
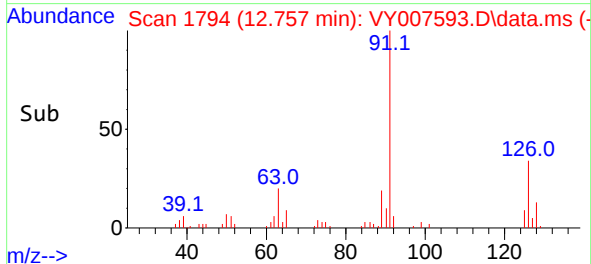
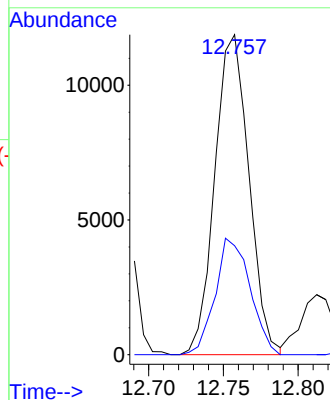
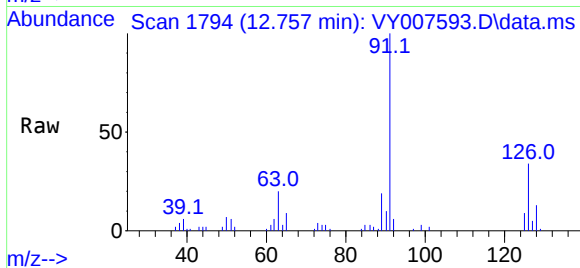
126 37.2 16.9 50.6

Manual Integrations

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Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#80

1,3,5-Trimethylbenzene

Concen: 5.517 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY007593.D

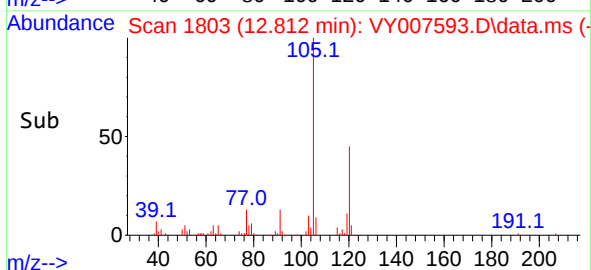
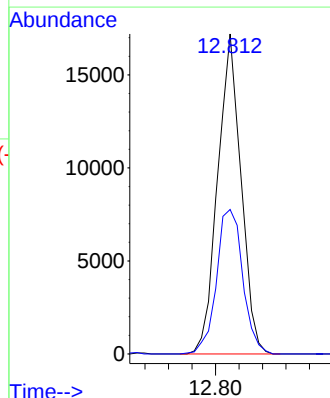
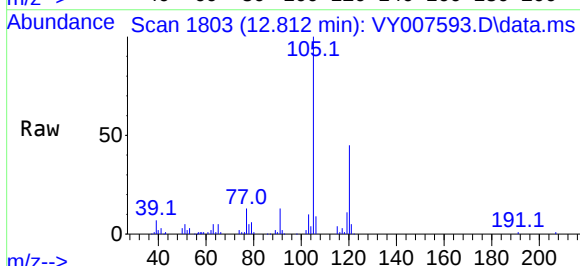
Acq: 23 Feb 2022 12:13

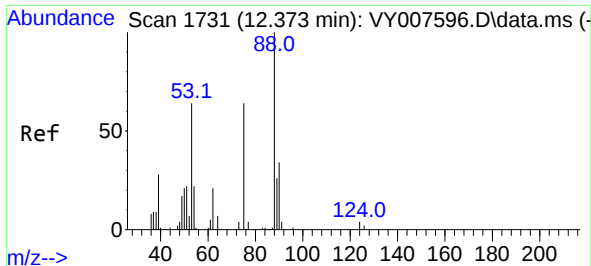
Tgt Ion:105 Resp: 23730

Ion Ratio Lower Upper

105 100

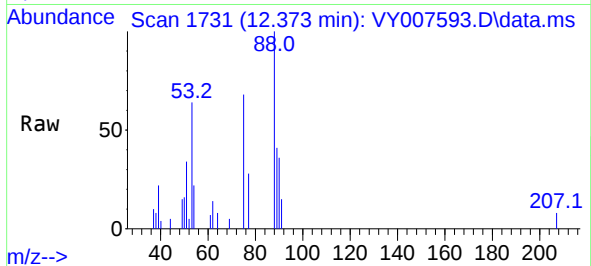
120 50.8 24.4 73.4





#81
trans-1,4-Dichloro-2-butene
Concen: 4.825 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY007593.D
Acq: 23 Feb 2022 12:13

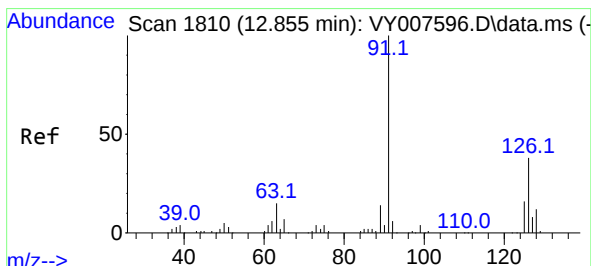
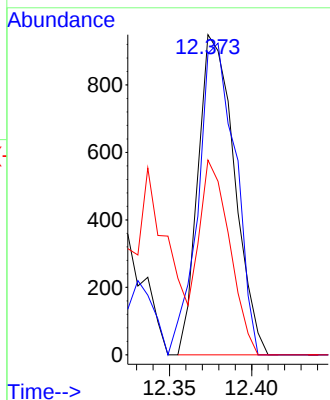
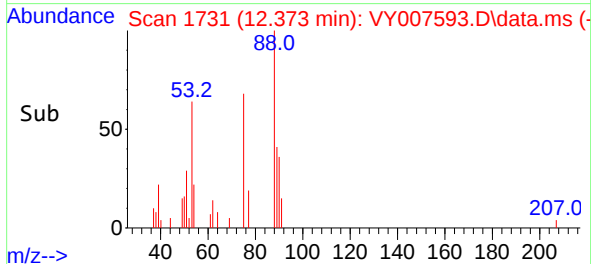
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



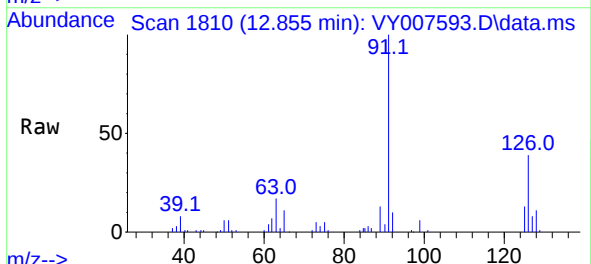
Tgt Ion: 75 Resp: 1458
Ion Ratio Lower Upper
75 100
53 99.9 85.3 127.9
89 50.9 37.0 55.4

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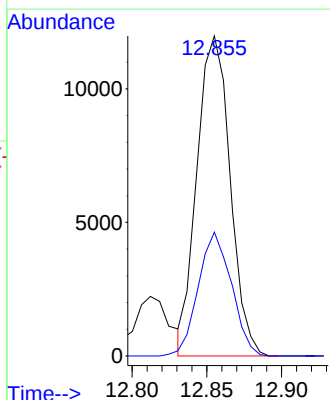
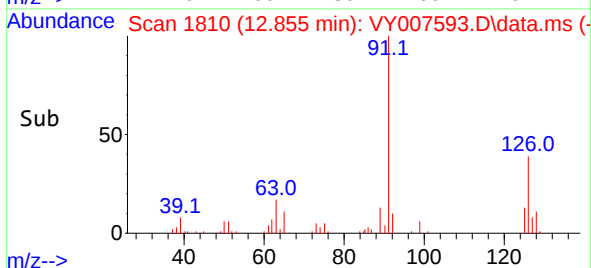
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

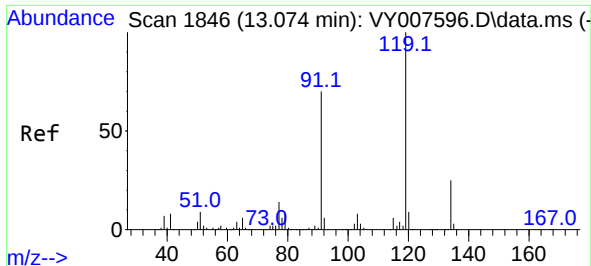


#82
4-Chlorotoluene
Concen: 5.447 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY007593.D
Acq: 23 Feb 2022 12:13



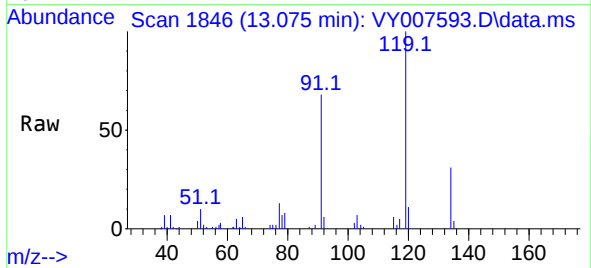
Tgt Ion: 91 Resp: 18462
Ion Ratio Lower Upper
91 100
126 38.8 17.0 51.0





#83
tert-Butylbenzene
Concen: 5.556 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY007593.D
Acq: 23 Feb 2022 12:13

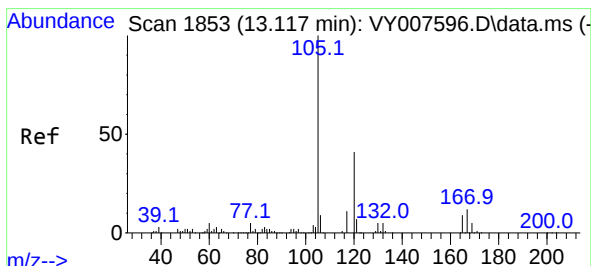
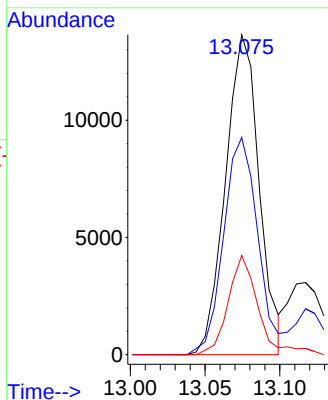
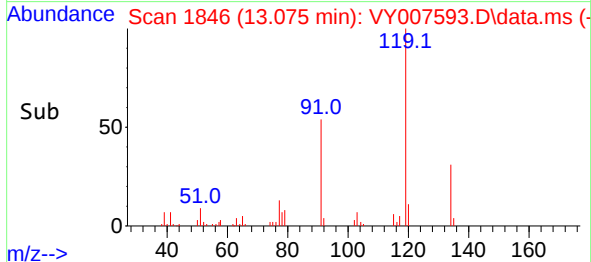
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



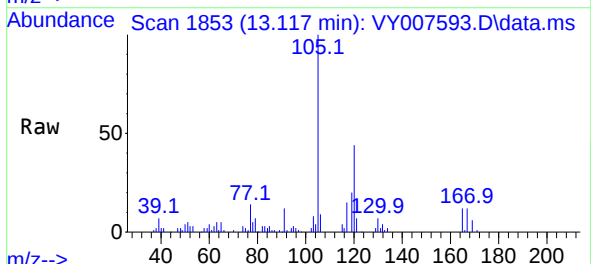
Tgt Ion:119 Resp: 21399
Ion Ratio Lower Upper
119 100
91 68.4 34.8 104.4
134 27.7 13.3 39.9

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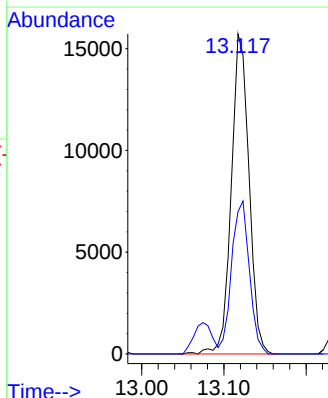
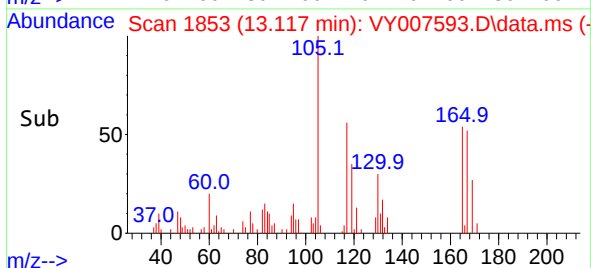
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

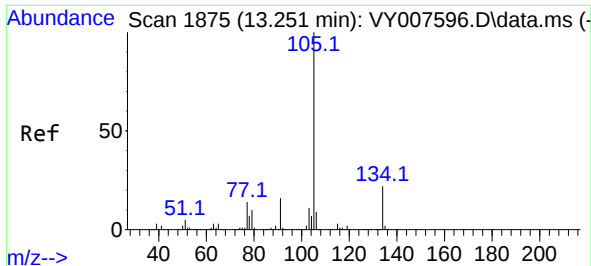


#84
1,2,4-Trimethylbenzene
Concen: 5.576 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY007593.D
Acq: 23 Feb 2022 12:13



Tgt Ion:105 Resp: 23524
Ion Ratio Lower Upper
105 100
120 48.0 22.3 66.9





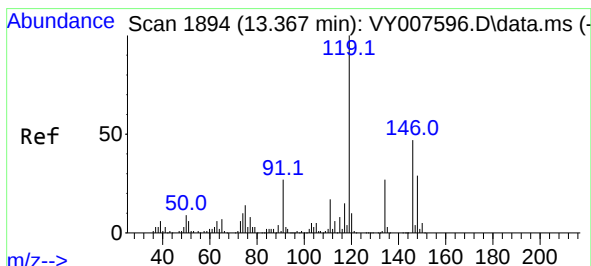
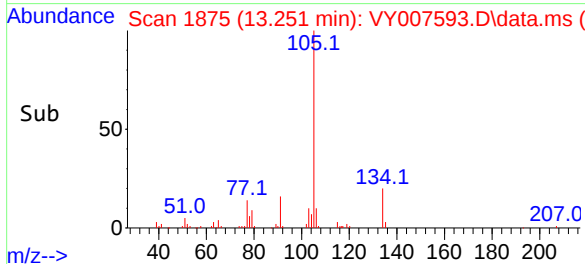
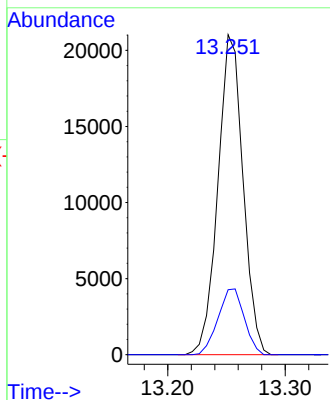
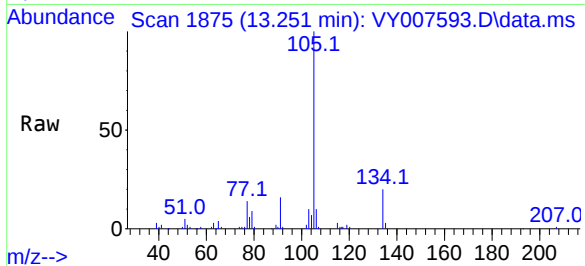
#85
 sec-Butylbenzene
 Concen: 5.633 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY007593.D
 Acq: 23 Feb 2022 12:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 31218
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.2 30.4

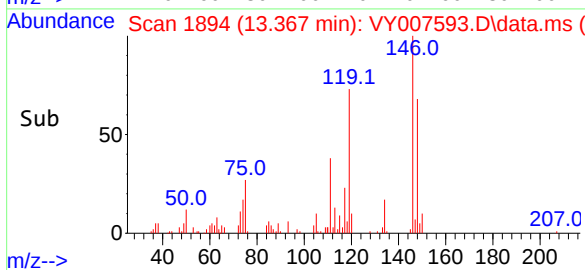
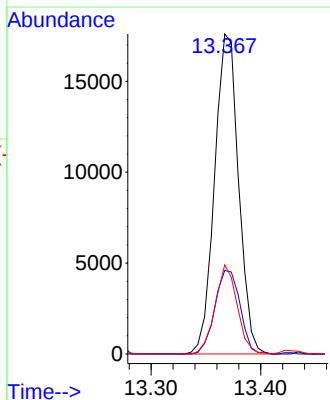
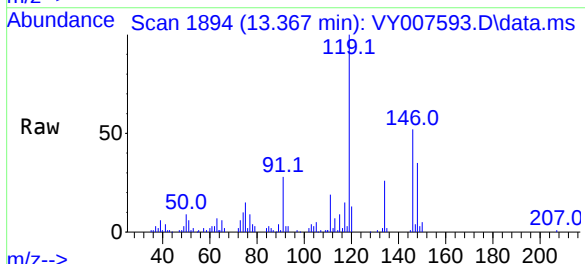
Manual Integrations
 APPROVED

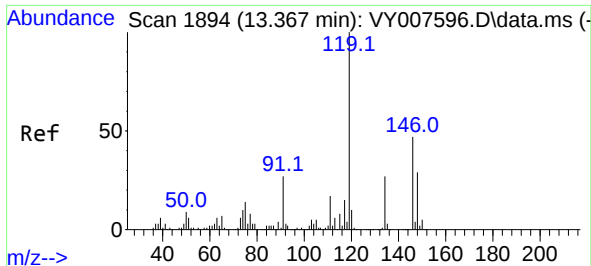
Reviewed By :John Carlone 02/24/2022
 Supervised By :Mahesh Dadoda 02/24/2022



#86
 p-Isopropyltoluene
 Concen: 5.674 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY007593.D
 Acq: 23 Feb 2022 12:13

Tgt Ion:119 Resp: 26783
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.2 39.5
 91 25.5 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 5.838 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY007593.D

Acq: 23 Feb 2022 12:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

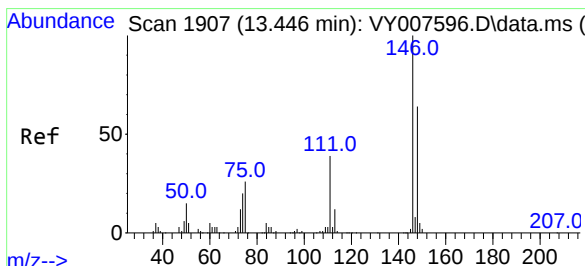
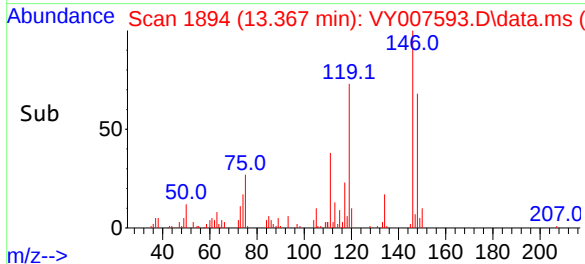
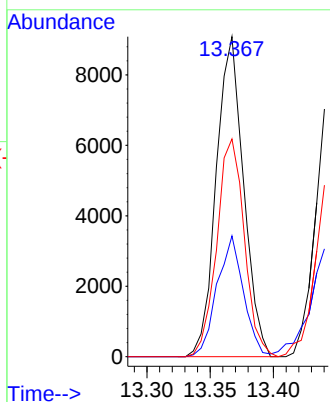
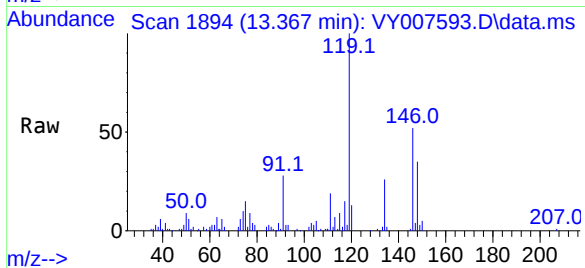
Tgt Ion:	146	Resp:	13610
Ion Ratio	Lower	Upper	
146	100		
111	36.7	19.5	58.5
148	68.6	31.6	95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#88

1,4-Dichlorobenzene

Concen: 5.794 ug/l

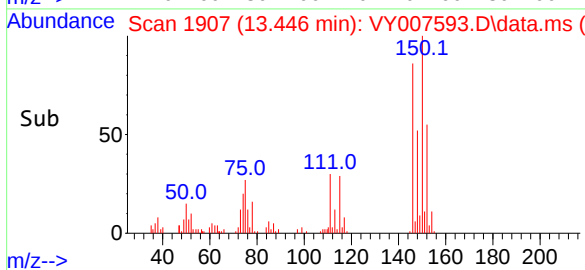
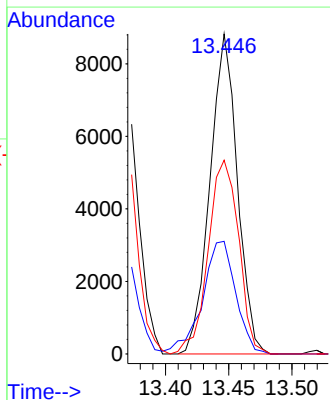
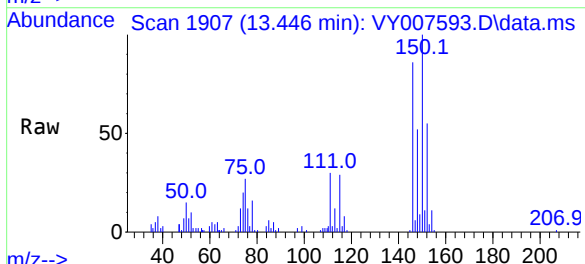
RT: 13.446 min Scan# 1907

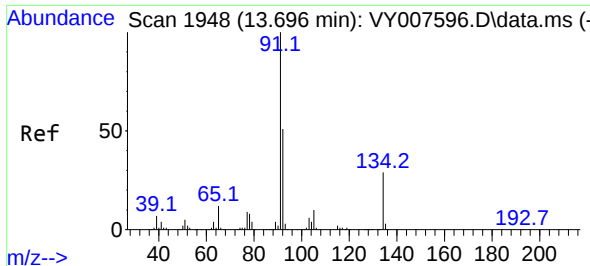
Delta R.T. 0.000 min

Lab File: VY007593.D

Acq: 23 Feb 2022 12:13

Tgt Ion:	146	Resp:	13290
Ion Ratio	Lower	Upper	
146	100		
111	43.0	19.3	57.8
148	67.4	32.6	97.8





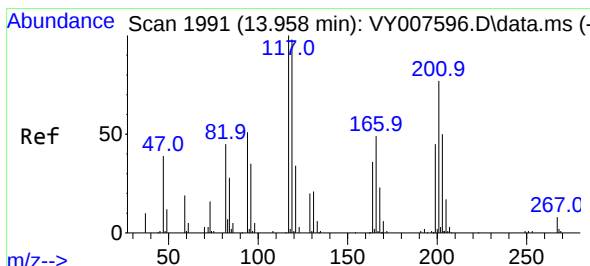
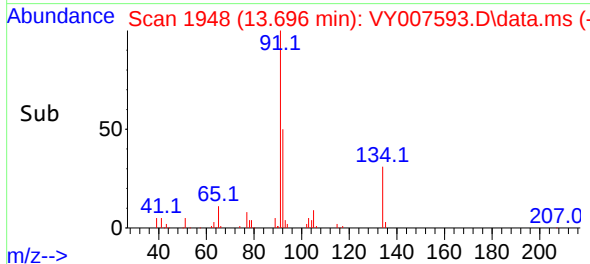
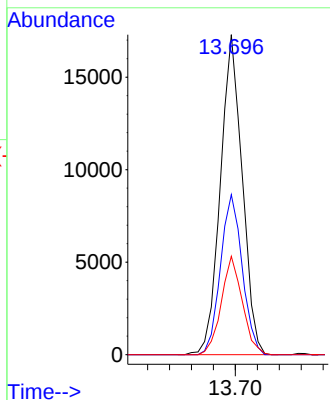
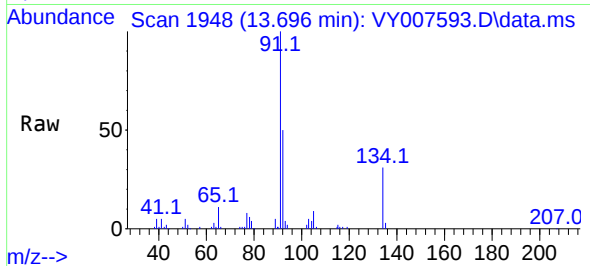
#89
n-Butylbenzene
Concen: 5.593 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY007593.D
Acq: 23 Feb 2022 12:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 2396
Ion Ratio Lower Upper
91 100
92 49.8 26.3 78.9
134 29.6 13.0 38.9

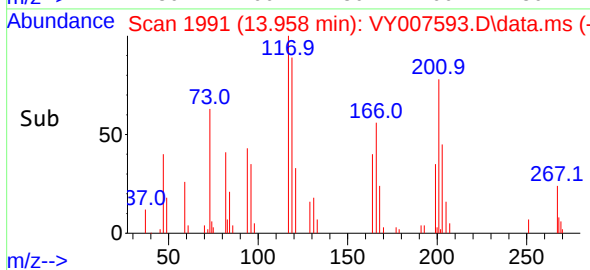
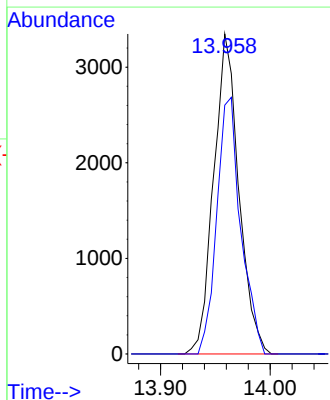
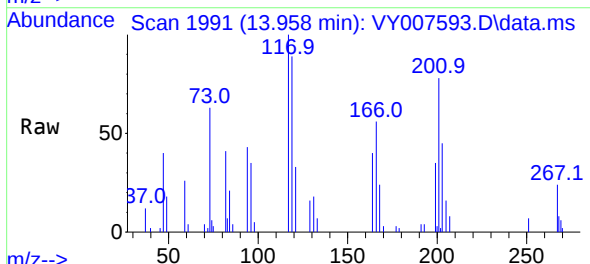
Manual Integrations
APPROVED

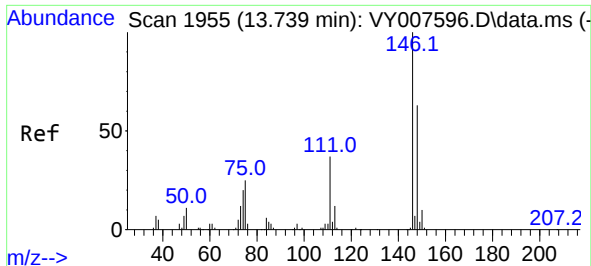
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#90
Hexachloroethane
Concen: 5.683 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY007593.D
Acq: 23 Feb 2022 12:13

Tgt Ion:117 Resp: 5336
Ion Ratio Lower Upper
117 100
201 76.5 43.0 128.8





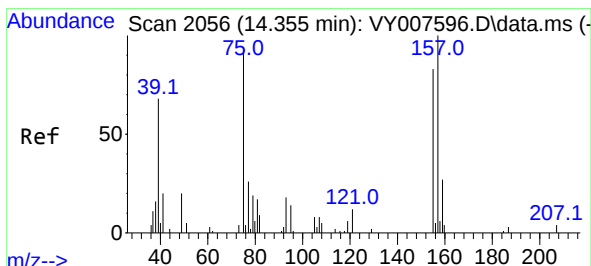
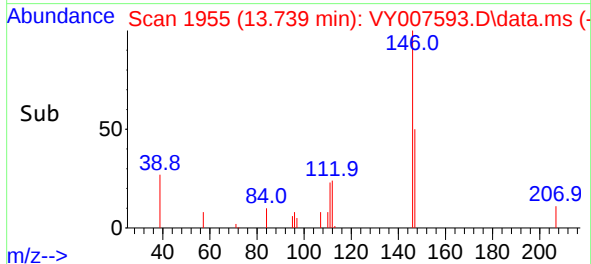
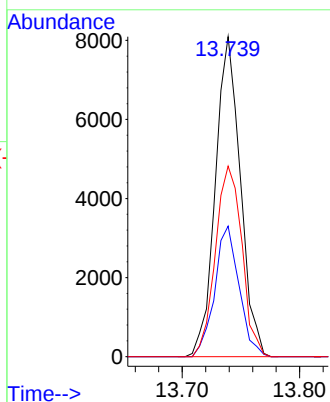
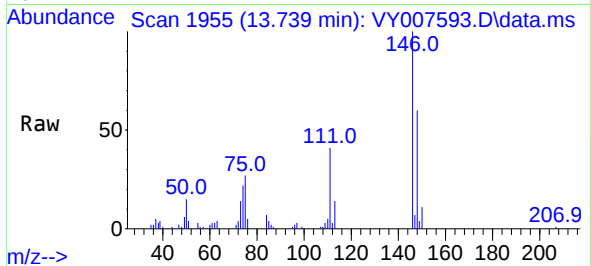
#91
1,2-Dichlorobenzene
Concen: 5.769 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY007593.D
Acq: 23 Feb 2022 12:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 11984
Ion Ratio Lower Upper
146 100
111 39.9 20.3 60.9
148 63.1 32.3 96.9

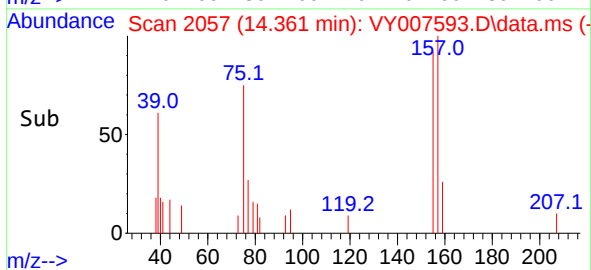
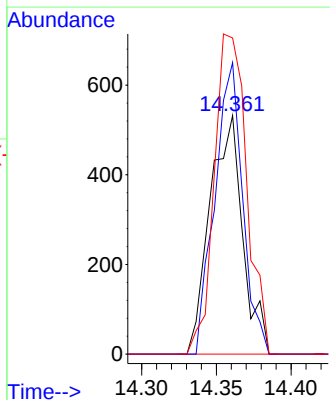
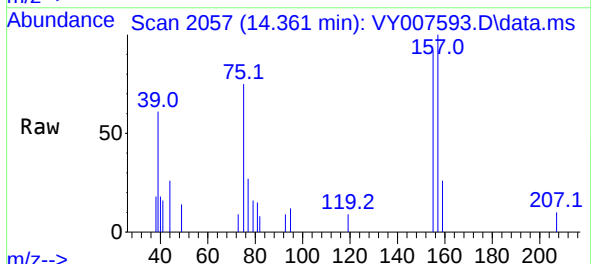
Manual Integrations
APPROVED

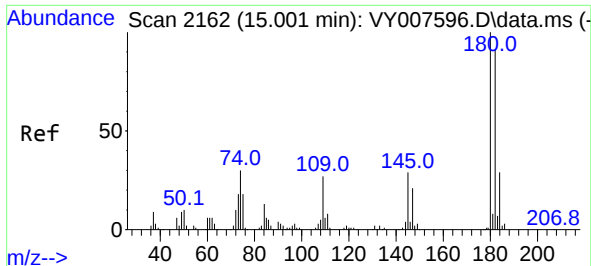
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.761 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY007593.D
Acq: 23 Feb 2022 12:13

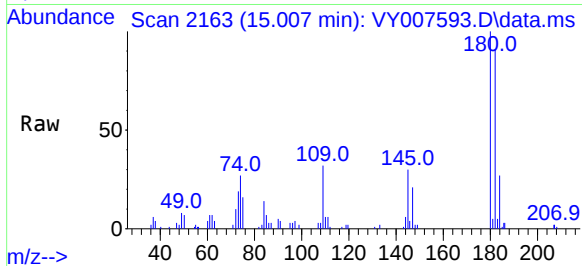
Tgt Ion: 75 Resp: 808
Ion Ratio Lower Upper
75 100
155 104.5 38.0 113.9
157 133.3 47.8 143.3





#93
1,2,4-Trichlorobenzene
Concen: 6.014 ug/l
RT: 15.007 min Scan# 2162
Delta R.T. 0.006 min
Lab File: VY007593.D
Acq: 23 Feb 2022 12:13

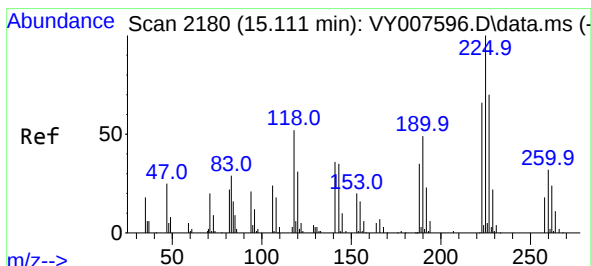
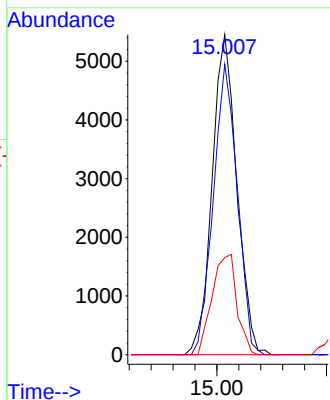
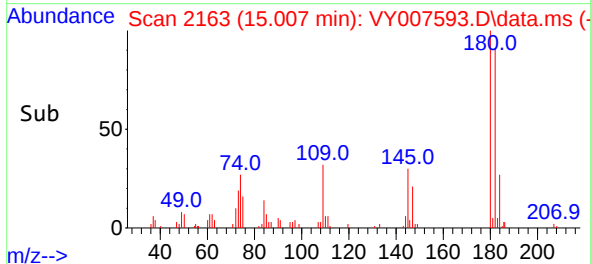
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



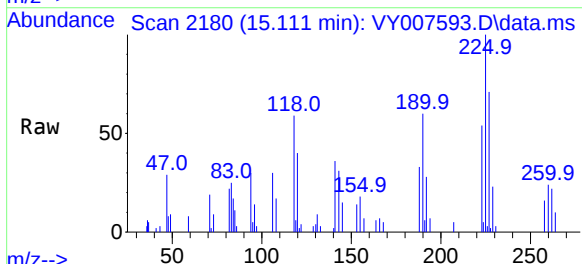
Tgt Ion:180 Resp: 8504
Ion Ratio Lower Upper
180 100
182 88.6 47.3 141.9
145 31.5 14.6 43.8

Manual Integrations
APPROVED

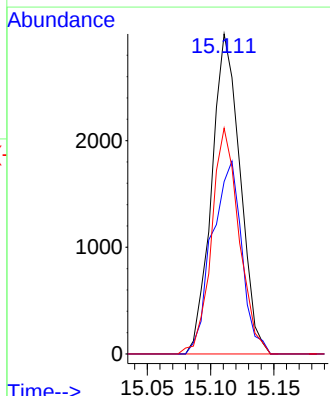
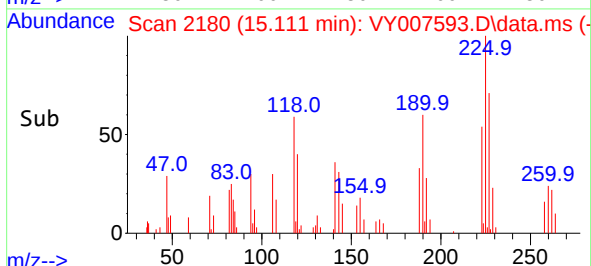
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

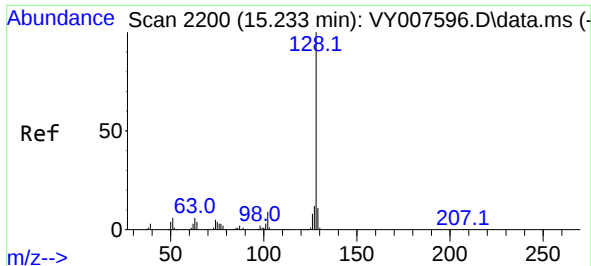


#94
Hexachlorobutadiene
Concen: 5.565 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. 0.000 min
Lab File: VY007593.D
Acq: 23 Feb 2022 12:13



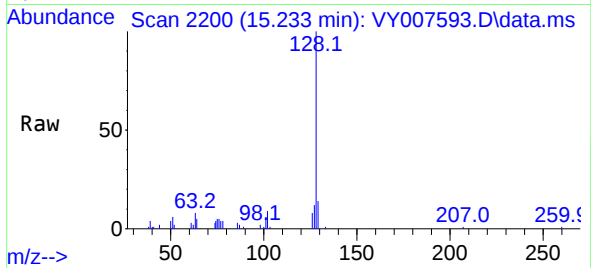
Tgt Ion:225 Resp: 4687
Ion Ratio Lower Upper
225 100
223 63.2 30.8 92.3
227 68.4 31.6 94.7





#95
Naphthalene
Concen: 5.487 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. 0.000 min
Lab File: VY007593.D
Acq: 23 Feb 2022 12:13

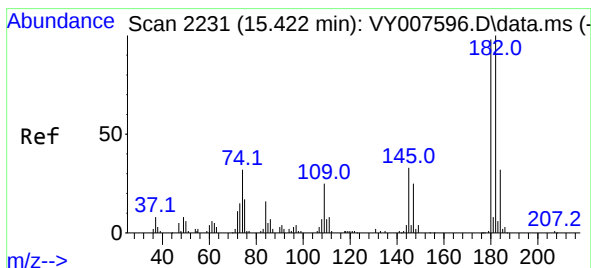
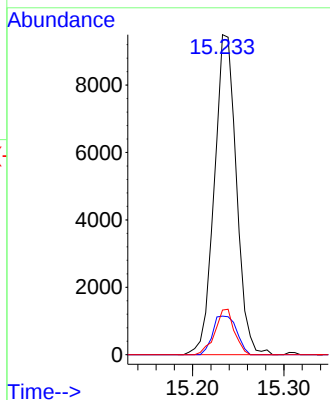
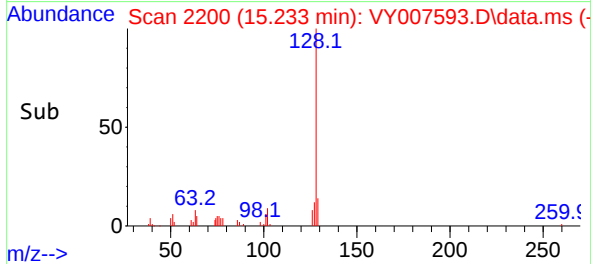
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



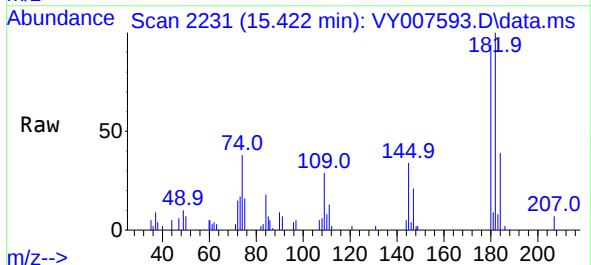
Tgt Ion:128 Resp: 1594
Ion Ratio Lower Upper
128 100
127 13.1 11.0 16.4
129 12.4 8.4 12.6

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 5.523 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. 0.000 min
Lab File: VY007593.D
Acq: 23 Feb 2022 12:13



Tgt Ion:180 Resp: 6742
Ion Ratio Lower Upper
180 100
182 102.2 47.3 141.9
145 35.1 15.3 45.9

