

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022322\
 Data File : VY007612.D
 Acq On : 23 Feb 2022 20:49
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Feb 24 08:26:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 24 07:13:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	87359	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	143281	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	128732	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	57340	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	44044	45.321	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.640%		
35) Dibromofluoromethane	7.716	113	41510	45.914	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.820%		
50) Toluene-d8	10.179	98	133978	40.807	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	81.620%		
62) 4-Bromofluorobenzene	12.477	95	45730	40.003	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	80.000%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	46550	43.084	ug/l	97
3) Chloromethane	2.113	50	49198	46.124	ug/l	92
4) Vinyl Chloride	2.247	62	55256	43.115	ug/l	100
5) Bromomethane	2.650	94	41262	52.947	ug/l	100
6) Chloroethane	2.790	64	35878	44.002	ug/l	97
7) Trichlorofluoromethane	3.125	101	108808	44.014	ug/l	93
8) Diethyl Ether	3.527	74	30575	48.472	ug/l	60
9) 1,1,2-Trichlorotrifluo...	3.899	101	50252	47.315	ug/l	96
10) Methyl Iodide	4.088	142	59394	45.821	ug/l	99
11) Tert butyl alcohol	4.960	59	23669	241.816	ug/l #	91
12) 1,1-Dichloroethene	3.869	96	47753	48.393	ug/l #	77
13) Acrolein	3.729	56	27787	222.159	ug/l	99
14) Allyl chloride	4.485	41	46076	50.508	ug/l #	67
15) Acrylonitrile	5.161	53	55549	255.353	ug/l	99
16) Acetone	3.942	43	49098	221.834	ug/l	93
17) Carbon Disulfide	4.192	76	112554	45.896	ug/l	97
18) Methyl Acetate	4.472	43	22340	46.957	ug/l #	70
19) Methyl tert-butyl Ether	5.222	73	129696	48.904	ug/l #	89
20) Methylene Chloride	4.710	84	55331	52.763	ug/l #	76
21) trans-1,2-Dichloroethene	5.216	96	47311	48.055	ug/l #	73
22) Diisopropyl ether	6.125	45	94735	49.422	ug/l #	90
23) Vinyl Acetate	6.057	43	351534	254.205	ug/l #	79
24) 1,1-Dichloroethane	6.021	63	73810	50.422	ug/l	94
25) 2-Butanone	6.984	43	59595	237.498	ug/l #	69
26) 2,2-Dichloropropane	6.984	77	75748	46.086	ug/l	95
27) cis-1,2-Dichloroethene	6.984	96	55139	48.252	ug/l	79
28) Bromochloromethane	7.338	49	24025	48.145	ug/l #	31
29) Tetrahydrofuran	7.344	42	35271	241.519	ug/l #	54
30) Chloroform	7.508	83	90270	48.172	ug/l	99
31) Cyclohexane	7.783	56	51717	50.514	ug/l #	69
32) 1,1,1-Trichloroethane	7.704	97	87611	47.010	ug/l	95
36) 1,1-Dichloropropene	7.917	75	55838	42.859	ug/l	92
37) Ethyl Acetate	7.069	43	26277	44.801	ug/l #	88
38) Carbon Tetrachloride	7.899	117	80193	42.033	ug/l	98
39) Methylcyclohexane	9.179	83	69162	46.388	ug/l #	80
40) Benzene	8.161	78	168437	45.313	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	16867m	52.143	ug/l	
42) 1,2-Dichloroethane	8.240	62	57312	42.091	ug/l	95
43) Isopropyl Acetate	8.270	43	53056	44.286	ug/l #	83
44) Trichloroethene	8.941	130	55105	43.688	ug/l	89
45) 1,2-Dichloropropane	9.215	63	36838	46.567	ug/l	98
46) Dibromomethane	9.301	93	29636	43.690	ug/l	98
47) Bromodichloromethane	9.496	83	70839	46.369	ug/l	96
48) Methyl methacrylate	9.295	41	21992	43.529	ug/l #	51
49) 1,4-Dioxane	9.289	88	7385	855.663	ug/l #	77
51) 4-Methyl-2-Pentanone	10.069	43	134074	222.364	ug/l #	85
52) Toluene	10.240	92	109211	43.074	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	65396	42.660	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	70503	43.560	ug/l	91
55) 1,1,2-Trichloroethane	10.642	97	38067	43.571	ug/l	96
56) Ethyl methacrylate	10.508	69	47239	45.876	ug/l #	78
57) 1,3-Dichloropropane	10.788	76	59454	44.351	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.782	63	120720	240.921	ug/l #	77
59) 2-Hexanone	10.831	43	91983	214.060	ug/l	86
60) Dibromochloromethane	10.983	129	51935	43.949	ug/l	99
61) 1,2-Dibromoethane	11.087	107	36955	42.035	ug/l	99
64) Tetrachloroethene	10.715	164	48256	48.603	ug/l	97
65) Chlorobenzene	11.514	112	128731	45.876	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	51073	45.937	ug/l	98
67) Ethyl Benzene	11.587	91	214083	45.491	ug/l	100
68) m/p-Xylenes	11.703	106	166576	90.383	ug/l	94
69) o-Xylene	12.026	106	79837	44.046	ug/l	96
70) Styrene	12.038	104	139774	46.098	ug/l	97
71) Bromoform	12.203	173	32213	43.742	ug/l #	99
73) Isopropylbenzene	12.325	105	213981	48.447	ug/l	99
74) N-amyl acetate	12.142	43	43072	50.075	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.581	83	39375	49.166	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	27504m	47.959	ug/l	
77) Bromobenzene	12.605	156	52403	45.513	ug/l	83
78) n-propylbenzene	12.666	91	245332	48.094	ug/l	95
79) 2-Chlorotoluene	12.751	91	135663	47.772	ug/l	93
80) 1,3,5-Trimethylbenzene	12.806	105	181448	48.291	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	13148	49.296	ug/l	91
82) 4-Chlorotoluene	12.849	91	137361	47.431	ug/l	95
83) tert-Butylbenzene	13.068	119	164051	48.858	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	178088	48.357	ug/l	100
85) sec-Butylbenzene	13.251	105	226977	47.839	ug/l	97
86) p-Isopropyltoluene	13.367	119	192451	47.199	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	99905	46.710	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	96739	46.198	ug/l	99
89) n-Butylbenzene	13.690	91	164205	44.728	ug/l	97
90) Hexachloroethane	13.958	117	39297	47.814	ug/l	91
91) 1,2-Dichlorobenzene	13.733	146	91071	46.872	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7043	43.724	ug/l	71
93) 1,2,4-Trichlorobenzene	15.001	180	55603	41.042	ug/l	98
94) Hexachlorobutadiene	15.111	225	31757	42.247	ug/l	98
95) Naphthalene	15.233	128	124932	42.964	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	48601	41.524	ug/l	99

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

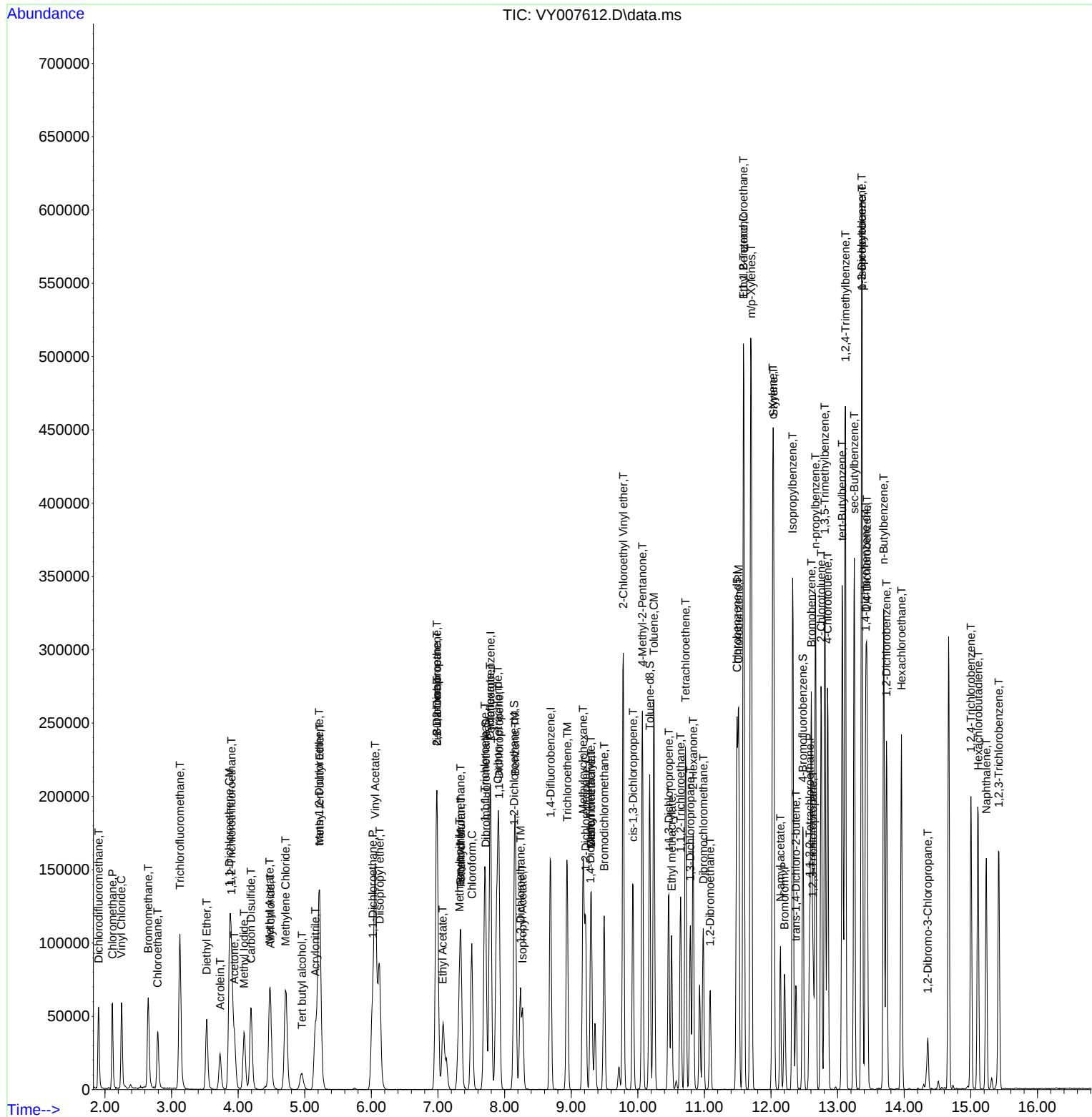
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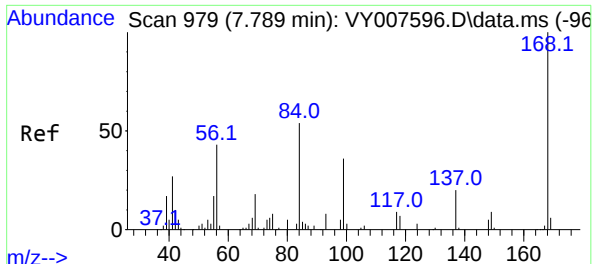
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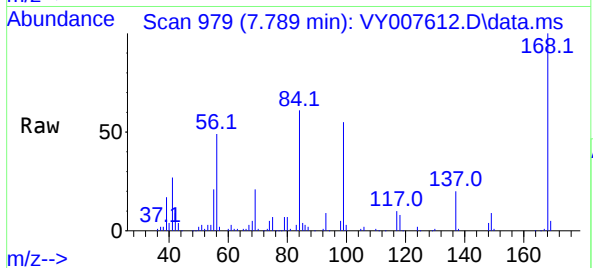
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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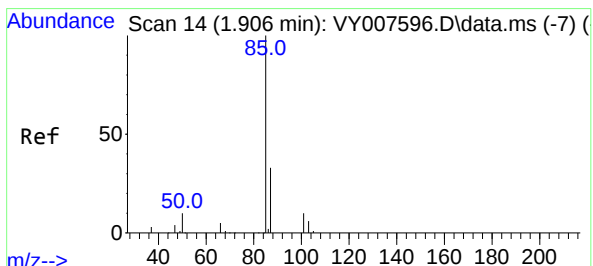
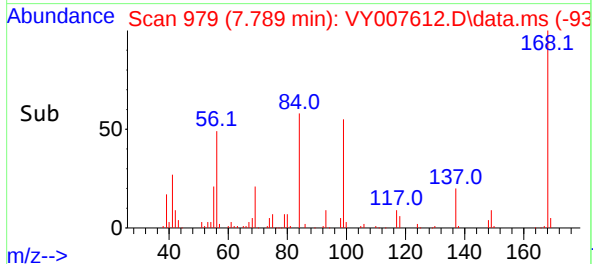
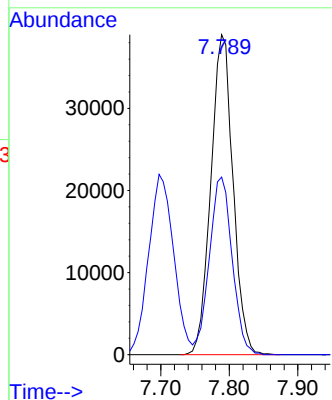
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Tgt Ion:168 Resp: 87359
Ion Ratio Lower Upper
168 100
99 55.5 46.9 70.3

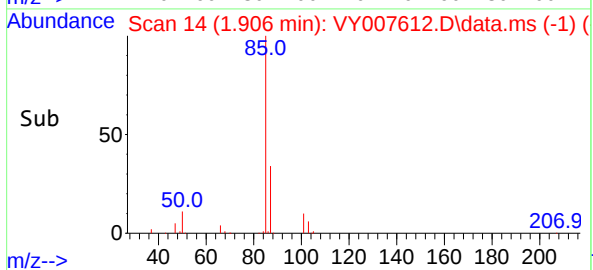
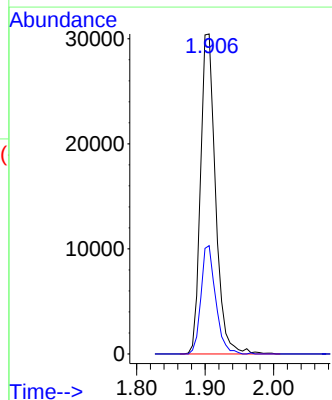
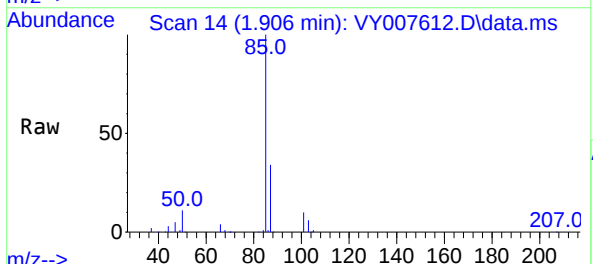
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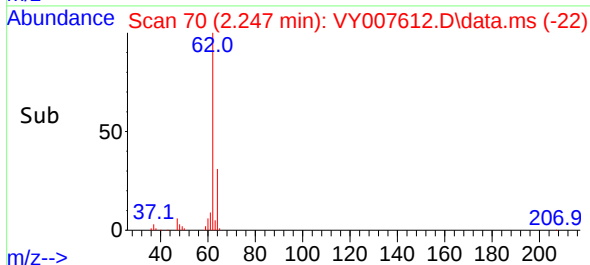
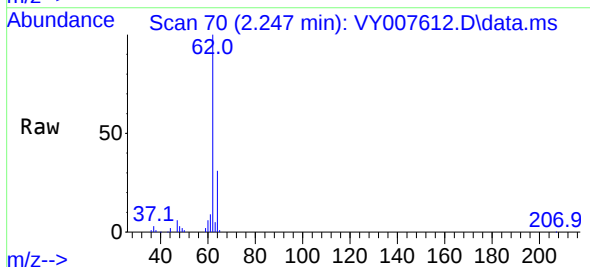
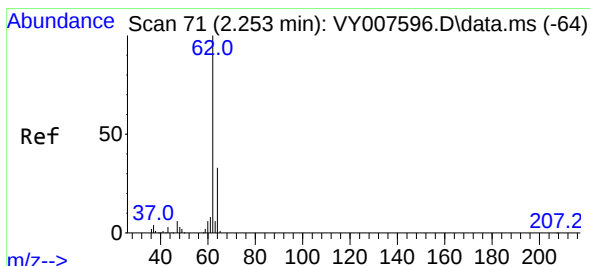
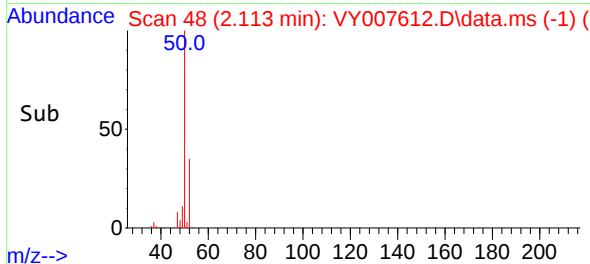
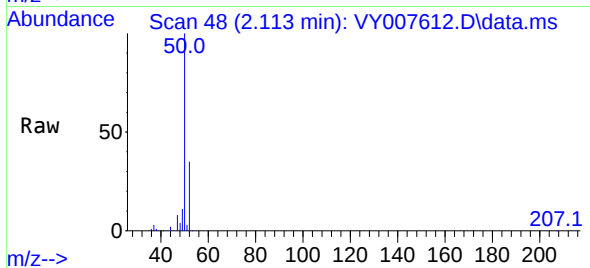
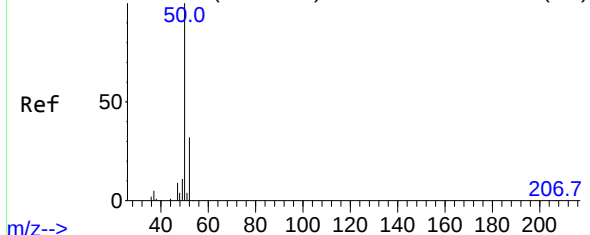


#2
Dichlorodifluoromethane
Concen: 43.084 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49

Tgt Ion: 85 Resp: 46550
Ion Ratio Lower Upper
85 100
87 33.9 16.1 48.2



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



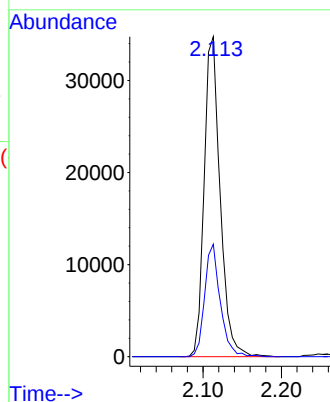
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Chloromethane
Concen: 46.124 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49

Tgt Ion: 50 Resp: 49198
Ion Ratio Lower Upper
50 100
52 35.1 24.6 37.0

Instrument :
MSVOA_Y
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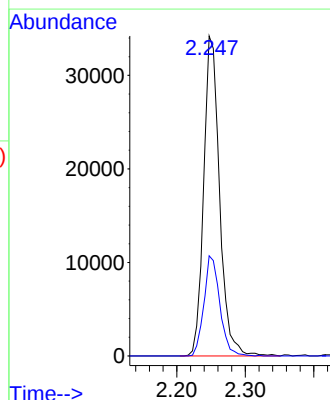
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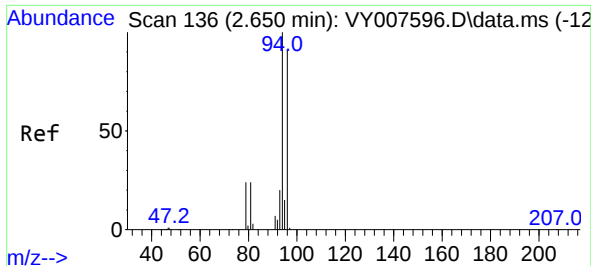
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#4
Vinyl Chloride
Concen: 43.115 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49

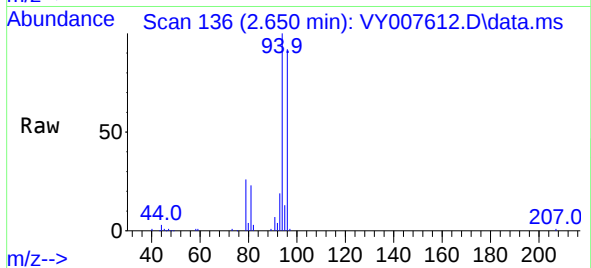
Tgt Ion: 62 Resp: 55256
Ion Ratio Lower Upper
62 100
64 31.3 25.0 37.6





#5
Bromomethane
Concen: 52.947 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007612.D
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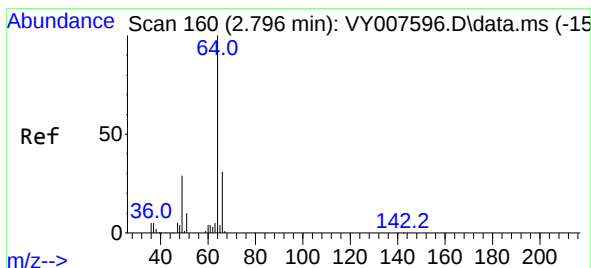
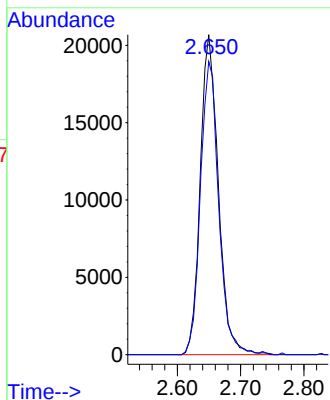
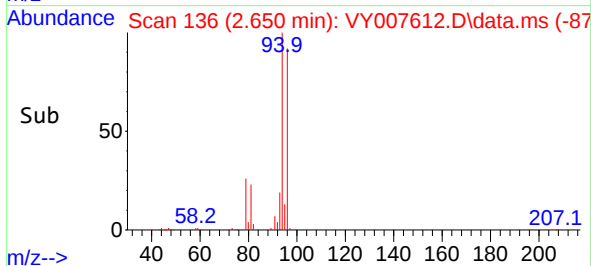
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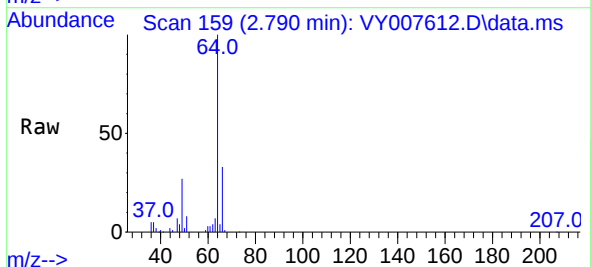
Tgt Ion: 94 Resp: 4126
Ion Ratio Lower Upper
94 100
96 91.6 73.5 110.3

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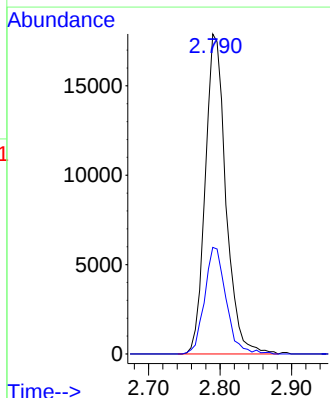
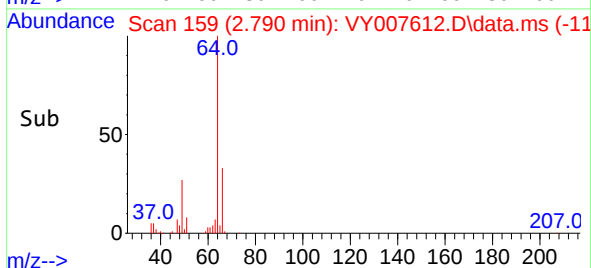
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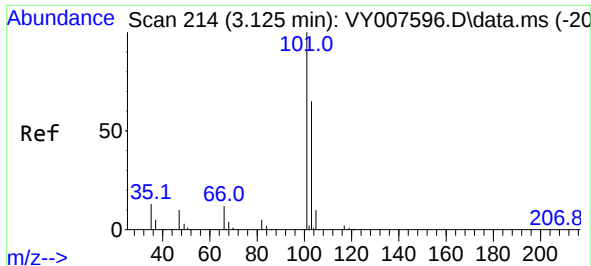


#6
Chloroethane
Concen: 44.002 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY007612.D
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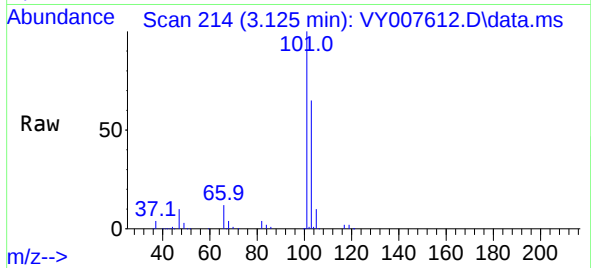
Tgt Ion: 64 Resp: 35878
Ion Ratio Lower Upper
64 100
66 33.3 25.4 38.0





#7
Trichlorofluoromethane
Concen: 44.014 ug/l
RT: 3.125 min Scan# 214
Delta R.T. 0.000 min
Lab File: VY007612.D
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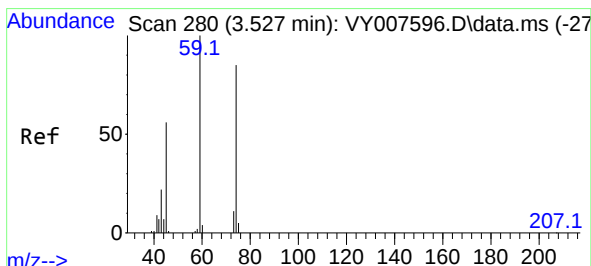
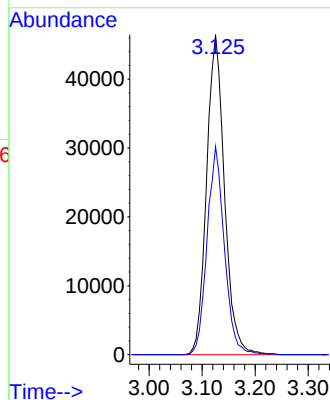
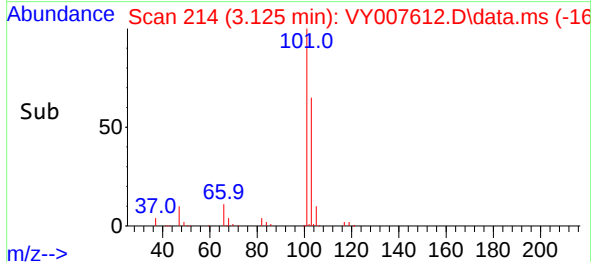
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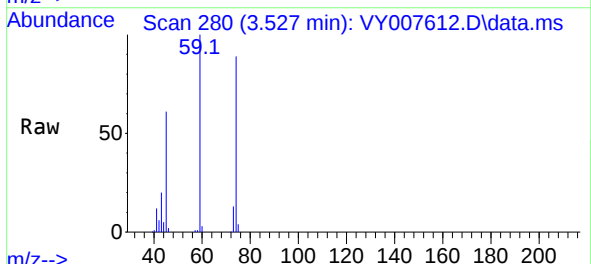
Tgt Ion:101 Resp: 108808
Ion Ratio Lower Upper
101 100
103 65.0 48.0 72.0

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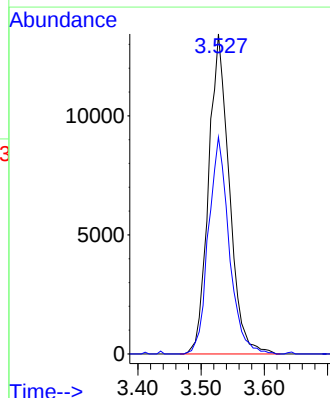
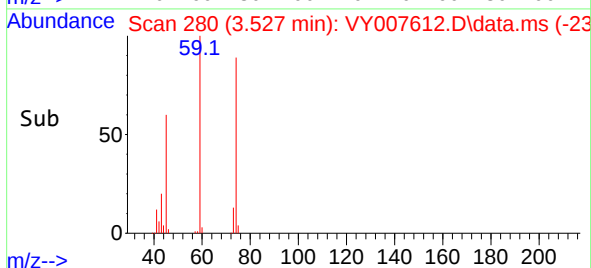
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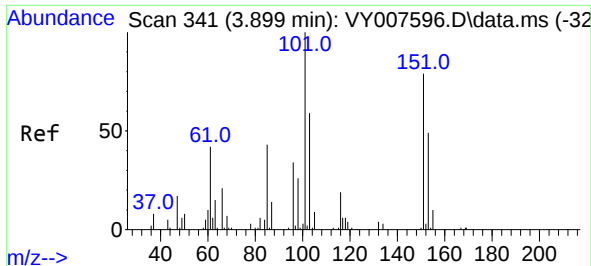


#8
Diethyl Ether
Concen: 48.472 ug/l
RT: 3.527 min Scan# 280
Delta R.T. 0.000 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49



Tgt Ion: 74 Resp: 30575
Ion Ratio Lower Upper
74 100
45 67.6 55.1 165.5





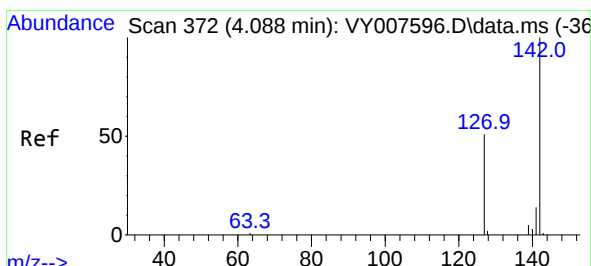
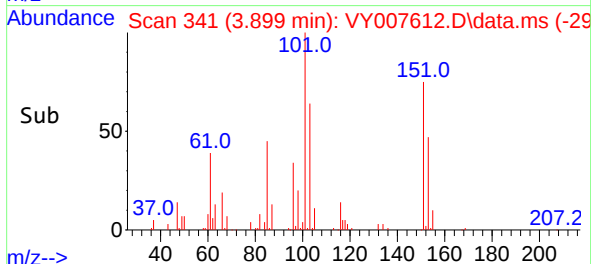
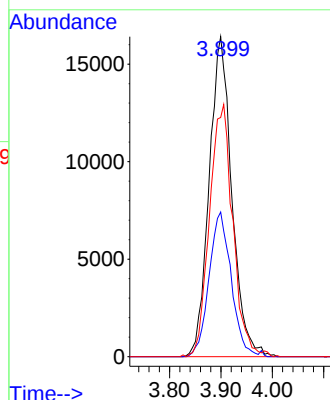
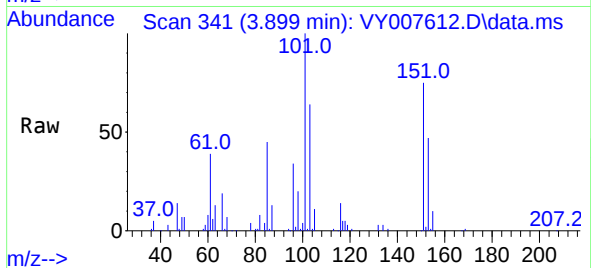
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.315 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 5025
Ion Ratio Lower Upper
101 100
85 44.1 40.6 60.8
151 81.1 64.9 97.3

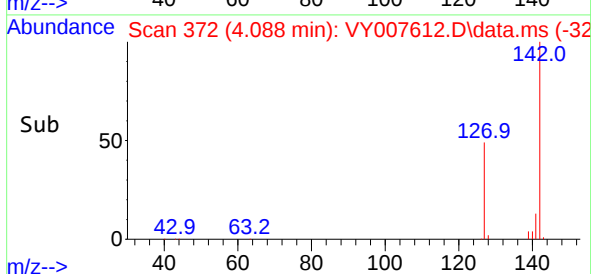
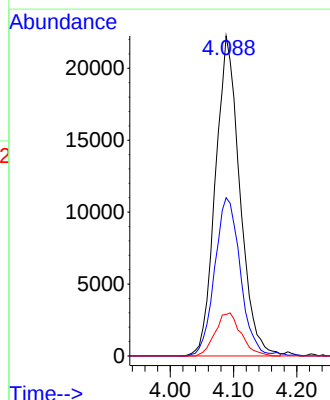
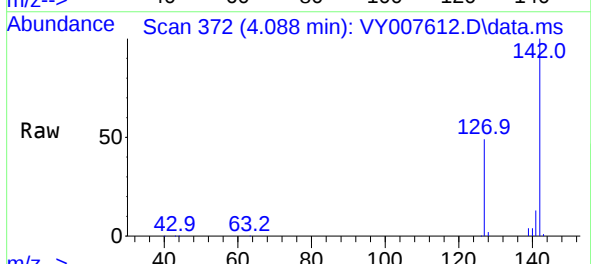
Manual Integrations
APPROVED

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



#10
Methyl Iodide
Concen: 45.821 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49

Tgt Ion:142 Resp: 59394
Ion Ratio Lower Upper
142 100
127 52.3 41.5 62.3
141 14.3 11.9 17.9





#11

Tert butyl alcohol

Concen: 241.816 ug/l

RT: 4.960 min Scan# 513

Delta R.T. 0.012 min

Lab File: VY007612.D

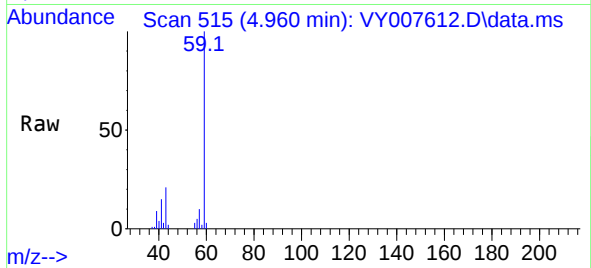
Acq: 23 Feb 2022 20:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 59 Resp: 2366

Ion Ratio Lower Upper

59 100

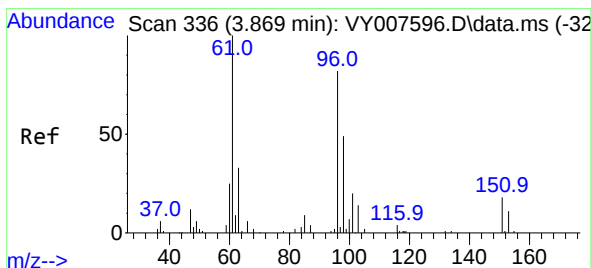
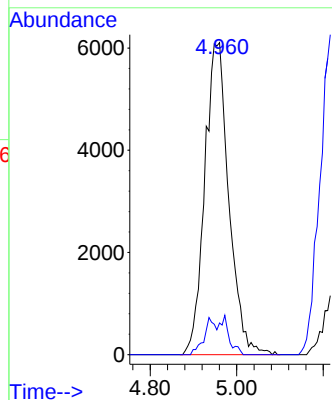
57 5.0 6.4 9.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#12

1,1-Dichloroethene

Concen: 48.393 ug/l

RT: 3.869 min Scan# 336

Delta R.T. -0.000 min

Lab File: VY007612.D

Acq: 23 Feb 2022 20:49

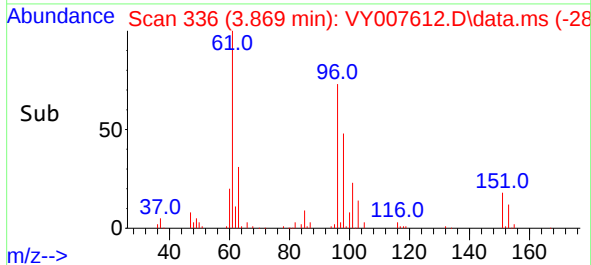
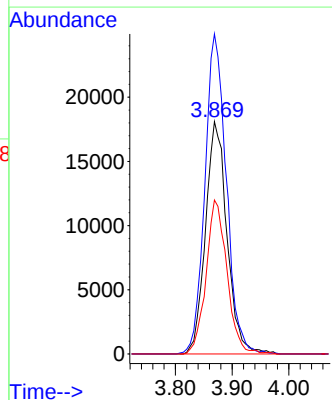
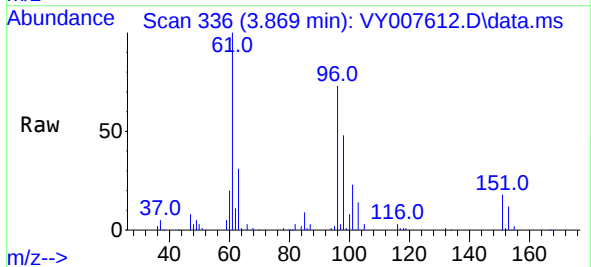
Tgt Ion: 96 Resp: 47753

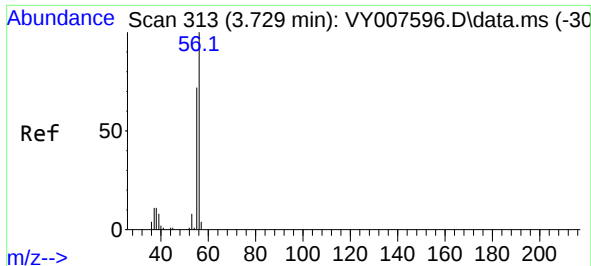
Ion Ratio Lower Upper

96 100

61 137.8 145.8 218.6

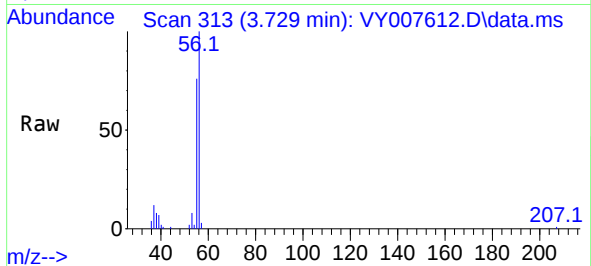
98 66.3 52.5 78.7





#13
Acrolein
Concen: 222.159 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49

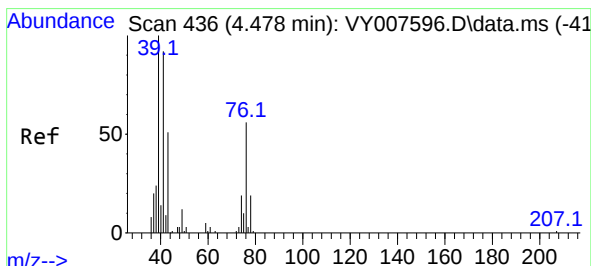
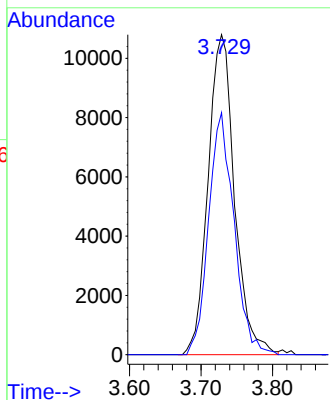
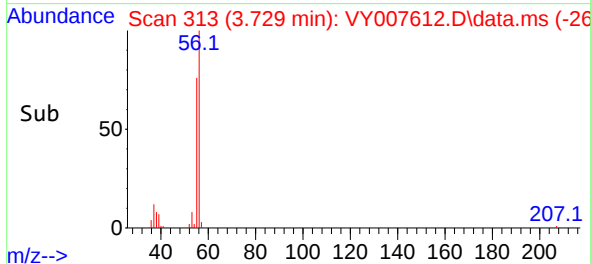
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 2778
Ion Ratio Lower Upper
56 100
55 72.6 57.6 86.4

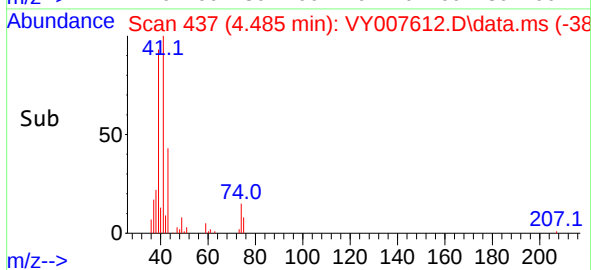
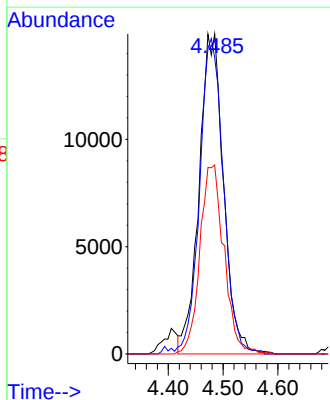
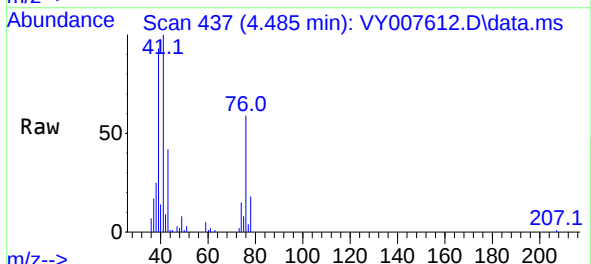
Manual Integrations
APPROVED

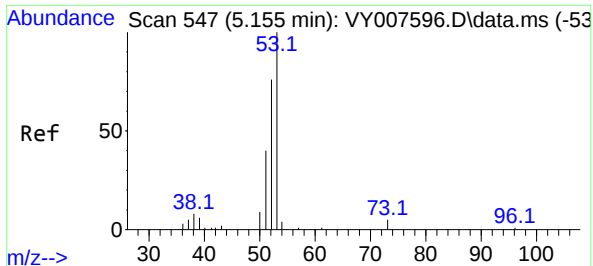
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#14
Allyl chloride
Concen: 50.508 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.007 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49

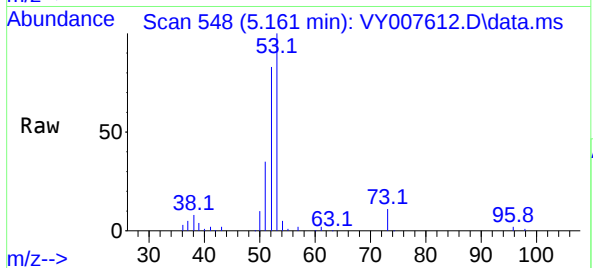
Tgt Ion: 41 Resp: 46076
Ion Ratio Lower Upper
41 100
39 96.1 58.8 88.2#
76 58.2 25.1 37.7#





#15
Acrylonitrile
Concen: 255.353 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49

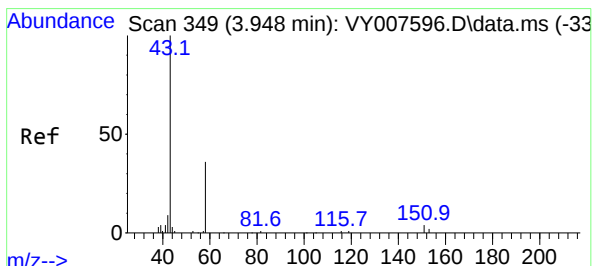
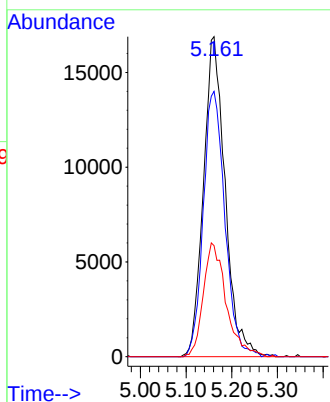
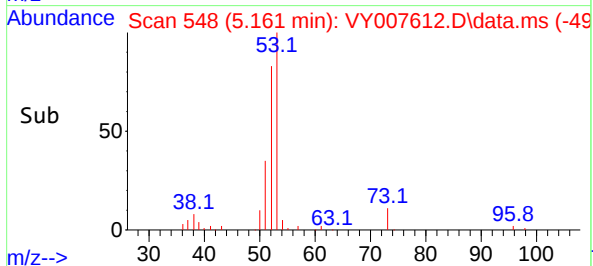
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



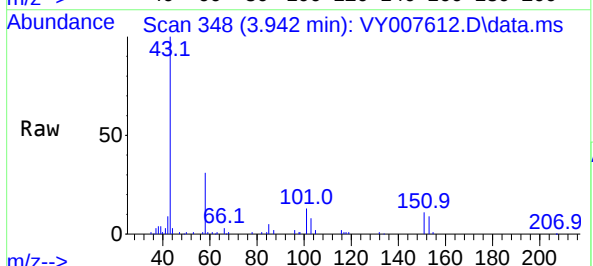
Tgt Ion: 53 Resp: 55549
Ion Ratio Lower Upper
53 100
52 83.0 67.0 100.4
51 37.7 29.8 44.6

Manual Integrations
APPROVED

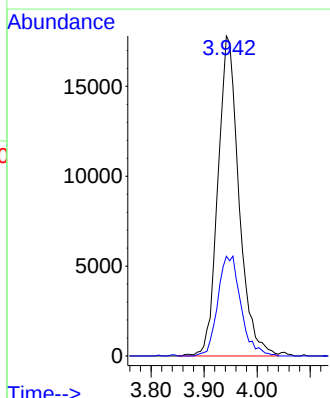
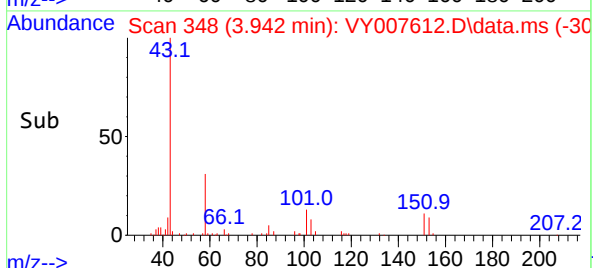
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

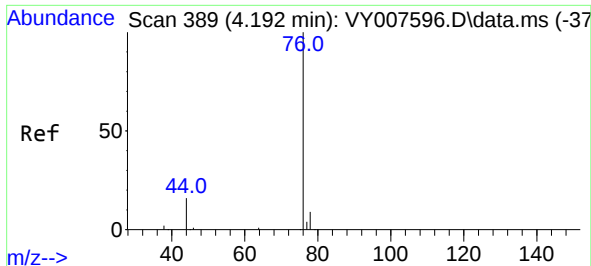


#16
Acetone
Concen: 221.834 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49



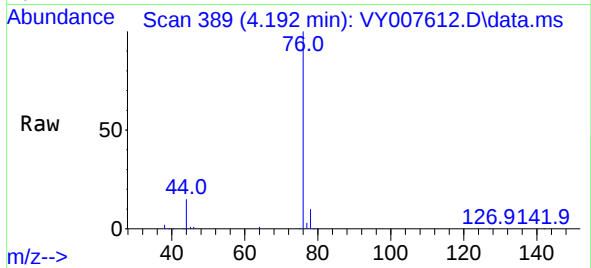
Tgt Ion: 43 Resp: 49098
Ion Ratio Lower Upper
43 100
58 31.2 22.0 33.0





#17
Carbon Disulfide
Concen: 45.896 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49

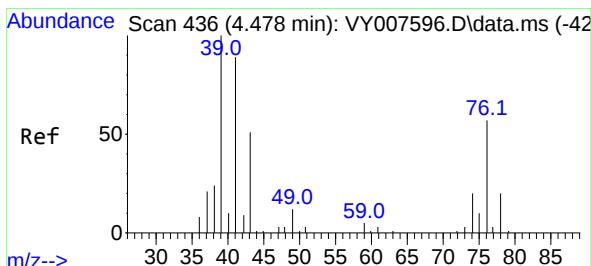
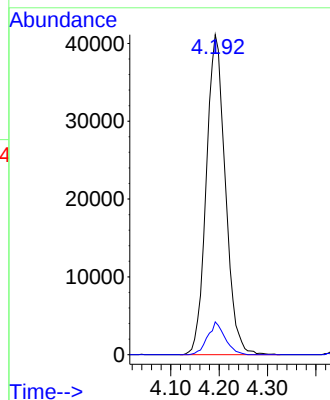
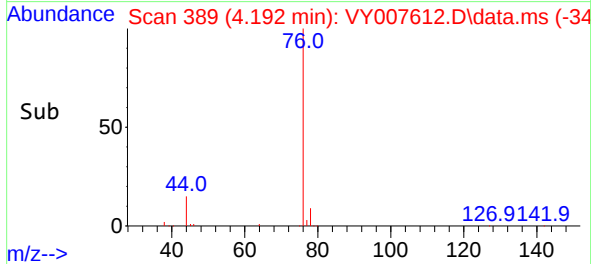
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



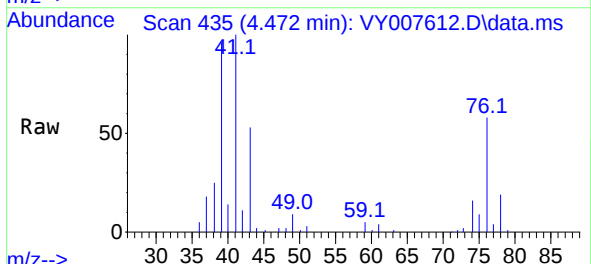
Tgt Ion: 76 Resp: 112554
Ion Ratio Lower Upper
76 100
78 10.3 7.4 11.0

Manual Integrations
APPROVED

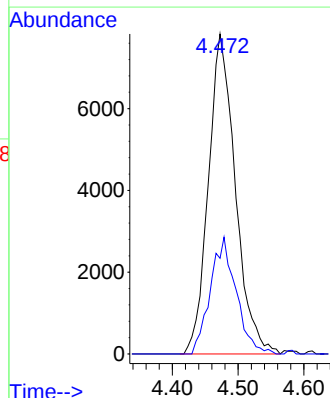
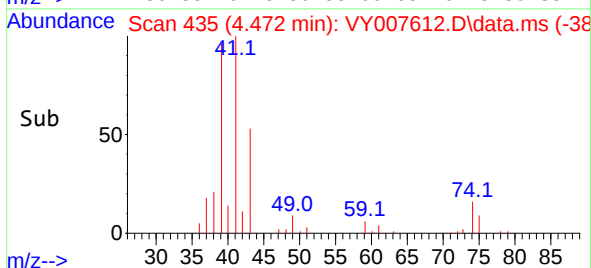
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

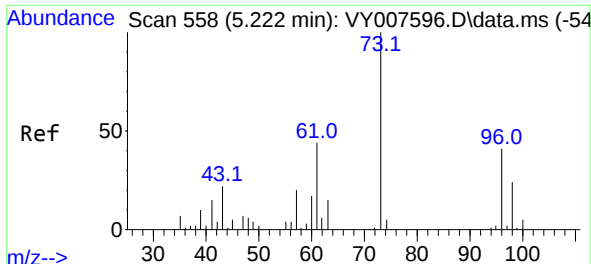


#18
Methyl Acetate
Concen: 46.957 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49



Tgt Ion: 43 Resp: 22340
Ion Ratio Lower Upper
43 100
74 34.9 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 48.904 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY007612.D

Acq: 23 Feb 2022 20:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 129690

Ion Ratio Lower Upper

73 100

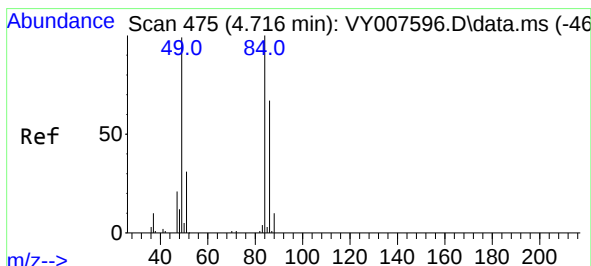
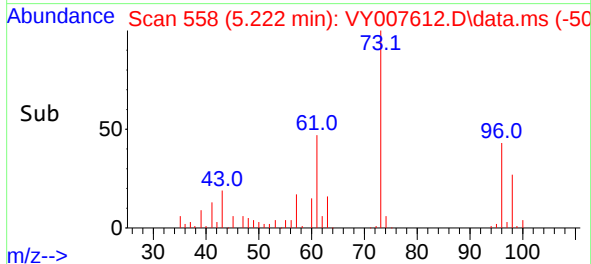
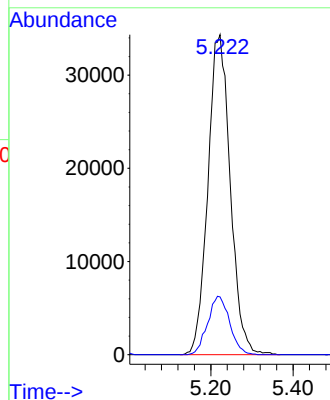
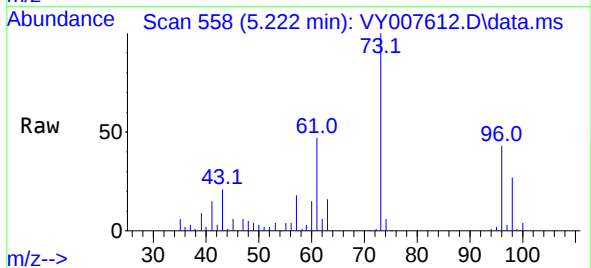
57 18.1 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#20

Methylene Chloride

Concen: 52.763 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY007612.D

Acq: 23 Feb 2022 20:49

Tgt Ion: 84 Resp: 55331

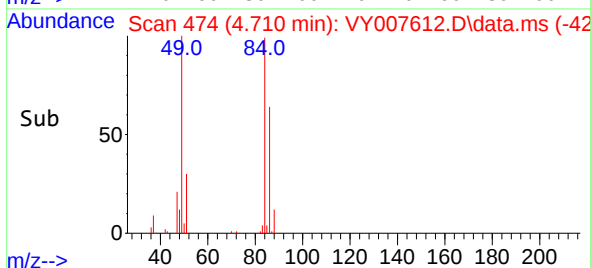
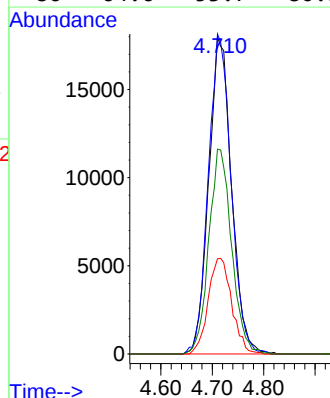
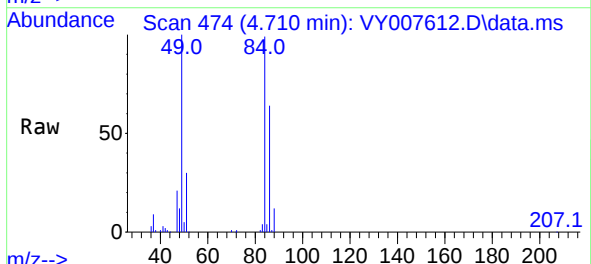
Ion Ratio Lower Upper

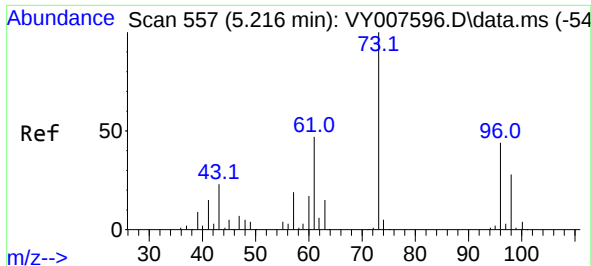
84 100

49 101.0 114.4 171.6#

51 30.1 35.3 52.9#

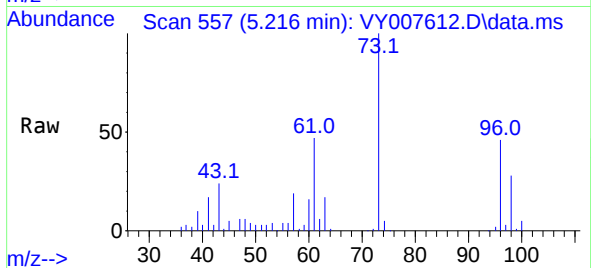
86 64.6 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 48.055 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49

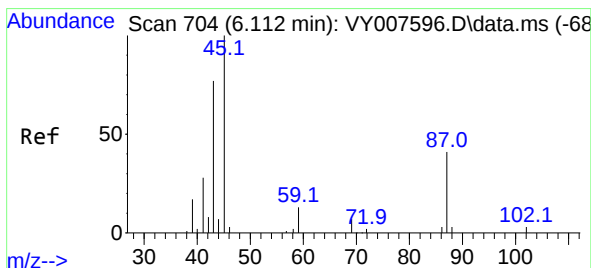
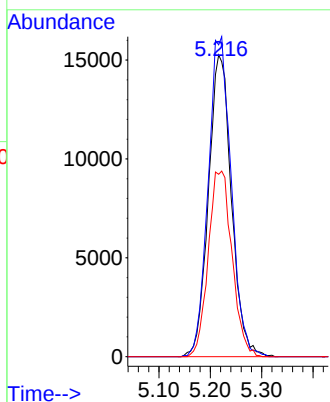
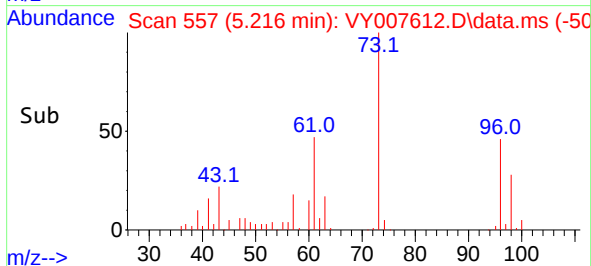
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



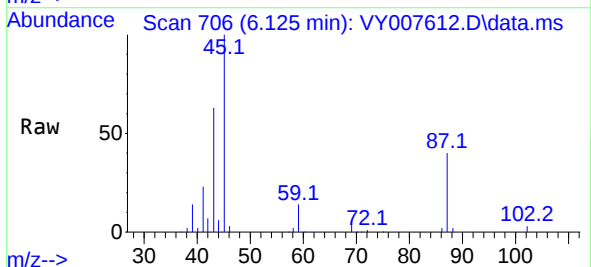
Tgt Ion: 96 Resp: 4731
Ion Ratio Lower Upper
96 100
61 103.3 120.5 180.7
98 60.4 49.8 74.8

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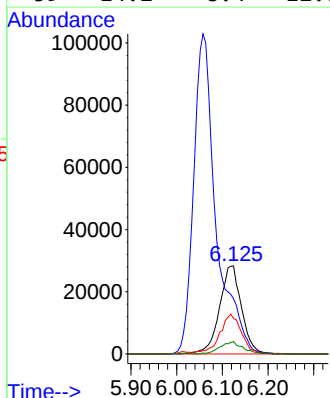
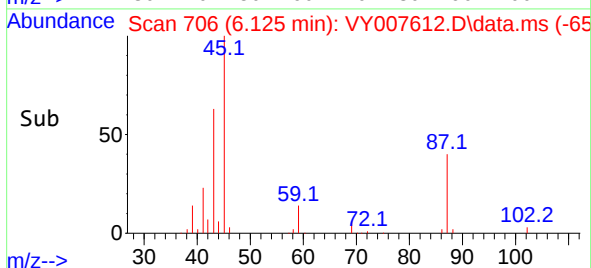
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

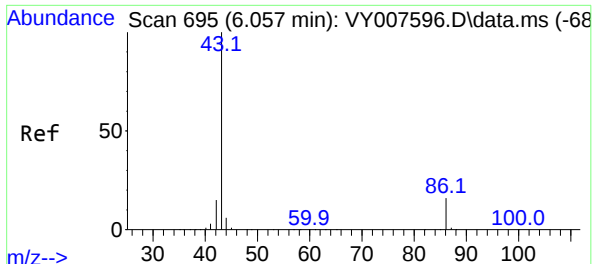


#22
Diisopropyl ether
Concen: 49.422 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.013 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49



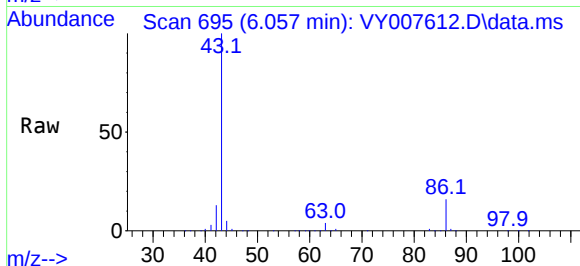
Tgt Ion: 45 Resp: 94735
Ion Ratio Lower Upper
45 100
43 62.1 49.3 73.9
87 40.2 19.2 28.8#
59 14.2 8.4 12.6#





#23
 Vinyl Acetate
 Concen: 254.205 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY007612.D
 Acq: 23 Feb 2022 20:49

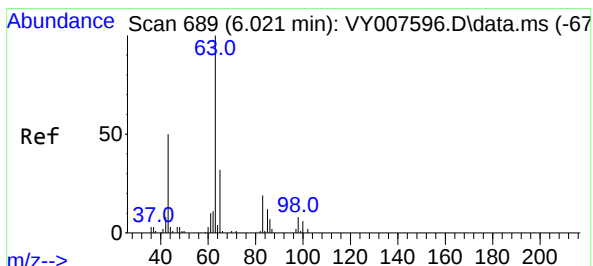
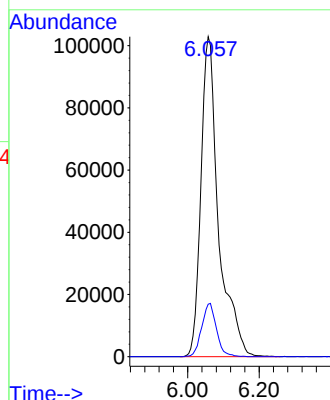
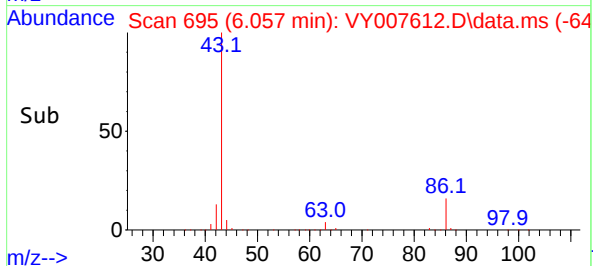
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



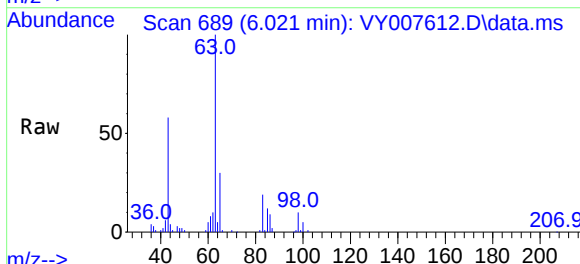
Tgt Ion: 43 Resp: 351534
 Ion Ratio Lower Upper
 43 100
 86 16.4 7.1 10.7

Manual Integrations
 APPROVED

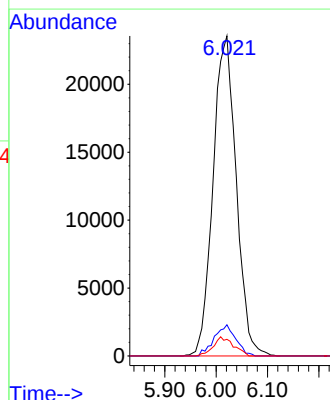
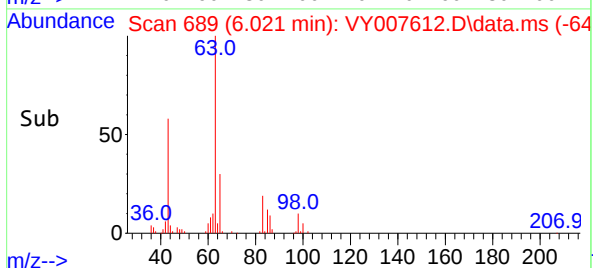
Reviewed By :John Carlone 02/24/2022
 Supervised By :Mahesh Dadoda 02/24/2022

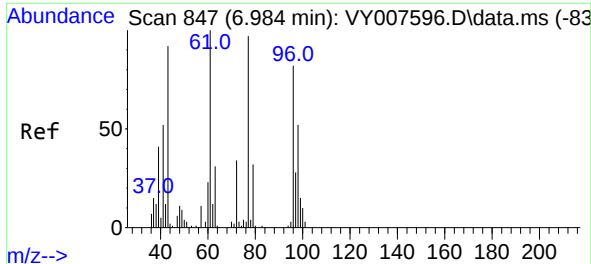


#24
 1,1-Dichloroethane
 Concen: 50.422 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.000 min
 Lab File: VY007612.D
 Acq: 23 Feb 2022 20:49



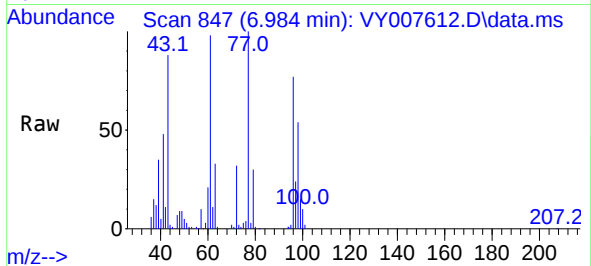
Tgt Ion: 63 Resp: 73810
 Ion Ratio Lower Upper
 63 100
 98 9.7 3.6 10.8
 100 5.2 2.0 5.8





#25
2-Butanone
Concen: 237.498 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49

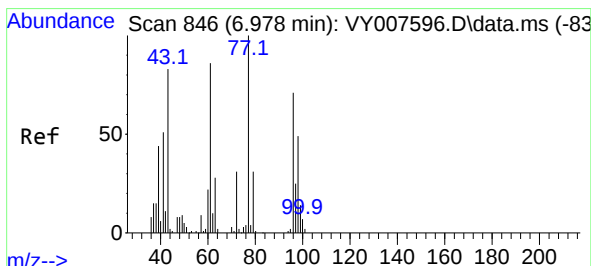
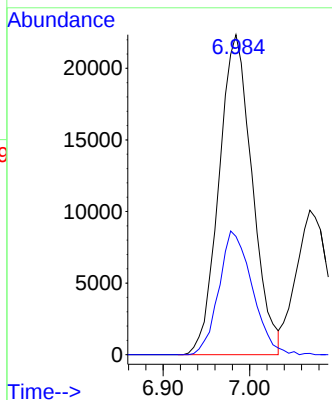
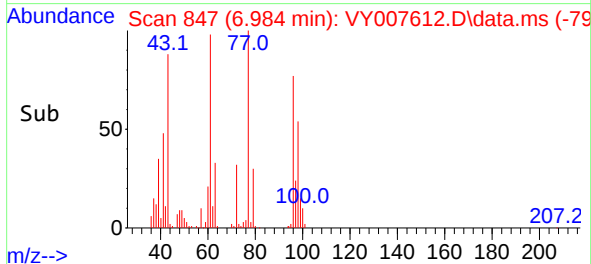
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



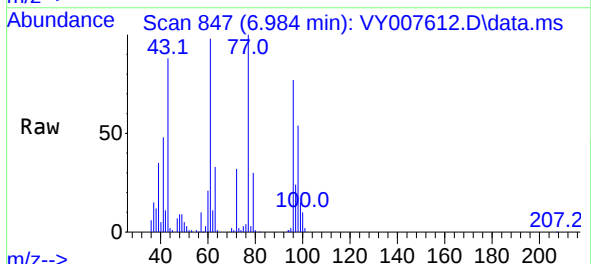
Tgt Ion: 43 Resp: 5959
Ion Ratio Lower Upper
43 100
72 36.9 17.7 26.5

Manual Integrations
APPROVED

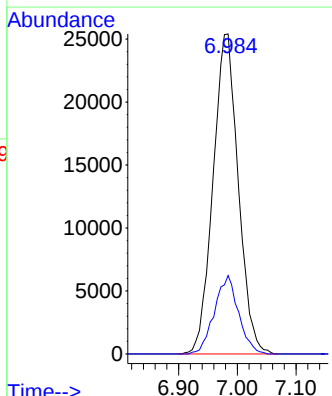
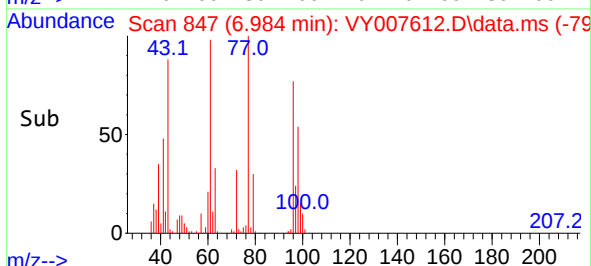
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

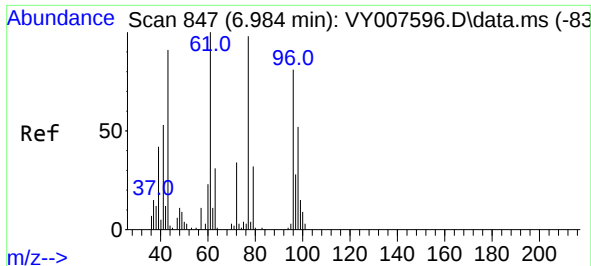


#26
2,2-Dichloropropane
Concen: 46.086 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49



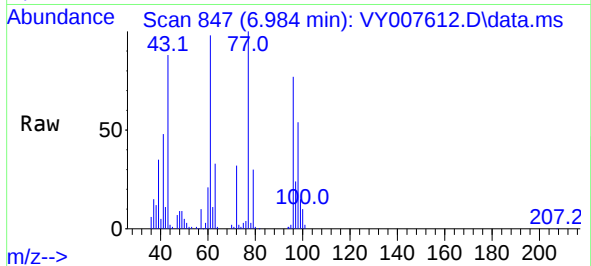
Tgt Ion: 77 Resp: 75748
Ion Ratio Lower Upper
77 100
97 23.3 10.4 31.4





#27
cis-1,2-Dichloroethene
Concen: 48.252 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49

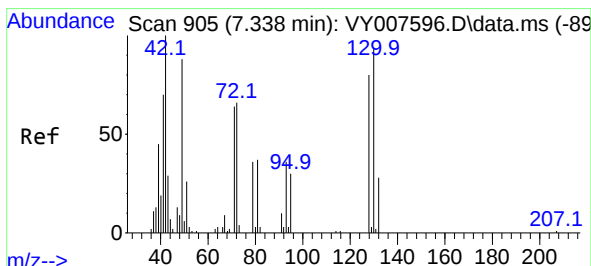
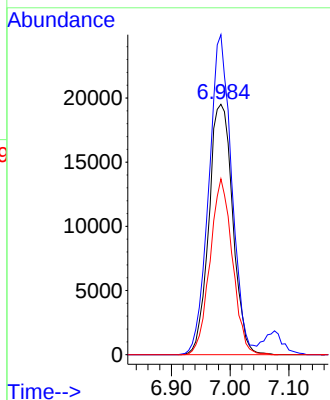
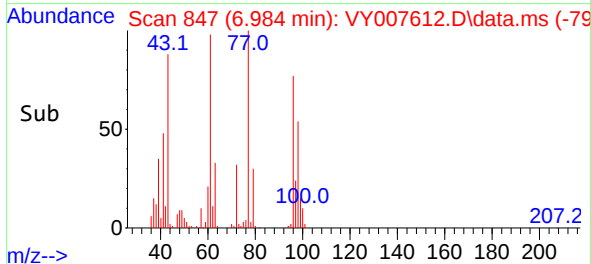
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



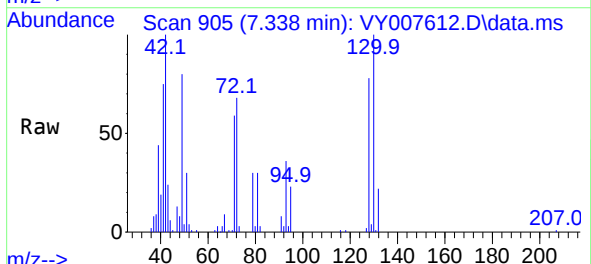
Tgt Ion: 96 Resp: 55139
Ion Ratio Lower Upper
96 100
61 122.3 0.0 319.8
98 65.7 0.0 127.0

Manual Integrations
APPROVED

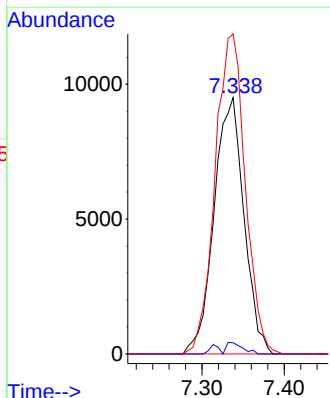
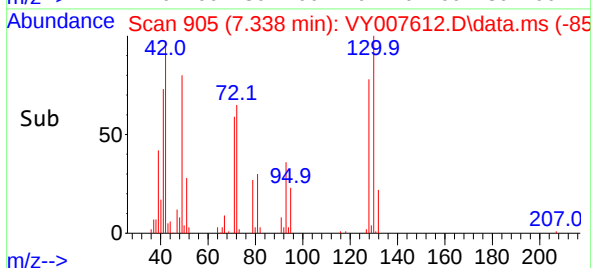
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

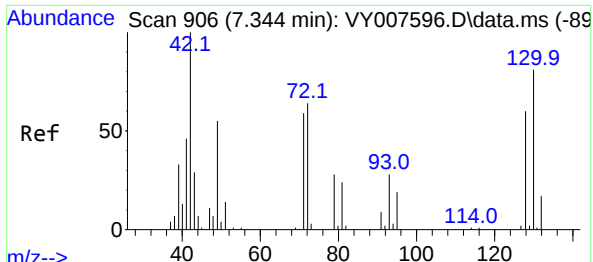


#28
Bromochloromethane
Concen: 48.145 ug/l
RT: 7.338 min Scan# 905
Delta R.T. -0.000 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49



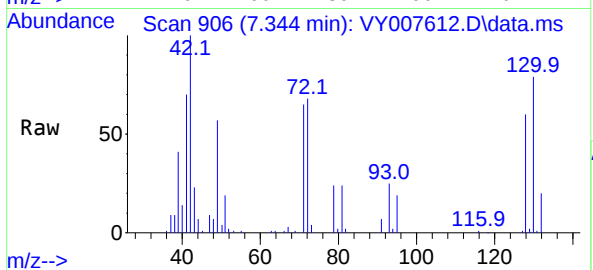
Tgt Ion: 49 Resp: 24025
Ion Ratio Lower Upper
49 100
129 2.4 0.0 2.2#
130 126.0 55.4 83.0#





#29
Tetrahydrofuran
Concen: 241.519 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49

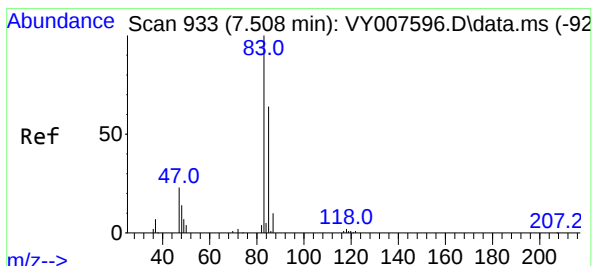
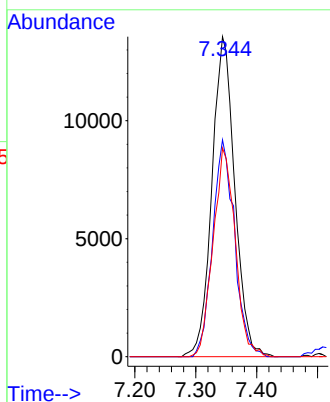
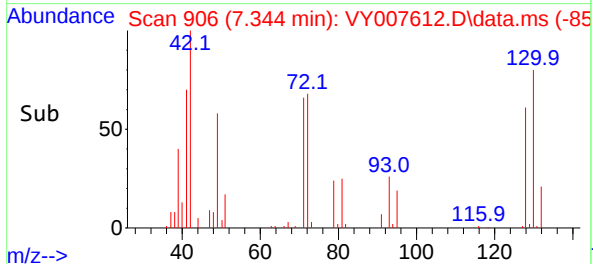
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



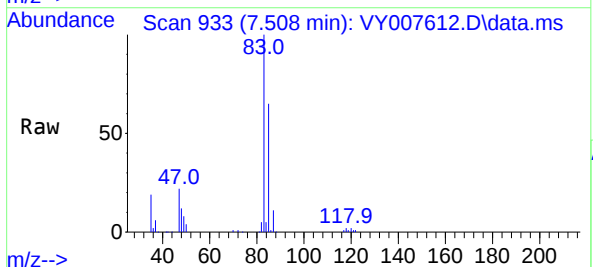
Tgt Ion: 42 Resp: 3527
Ion Ratio Lower Upper
42 100
72 65.3 30.3 45.5
71 63.3 29.0 43.4

Manual Integrations
APPROVED

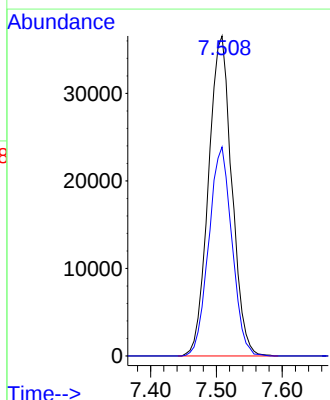
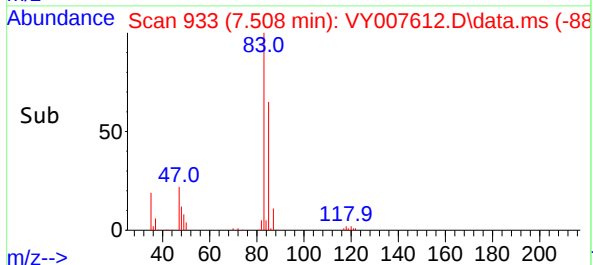
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

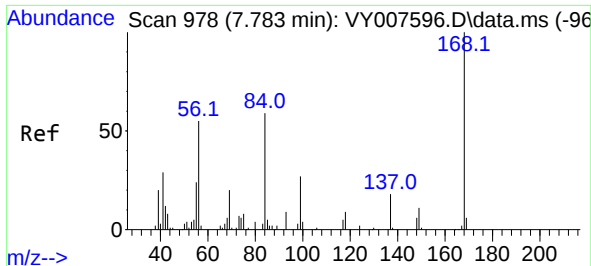


#30
Chloroform
Concen: 48.172 ug/l
RT: 7.508 min Scan# 933
Delta R.T. 0.000 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49



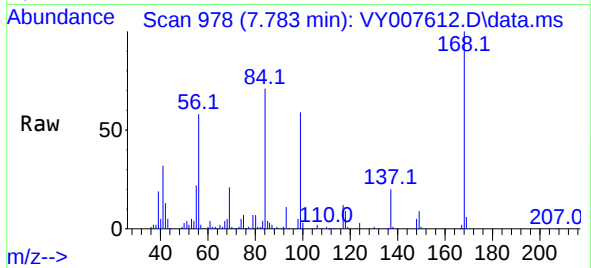
Tgt Ion: 83 Resp: 90270
Ion Ratio Lower Upper
83 100
85 65.3 51.8 77.6





#31
Cyclohexane
Concen: 50.514 ug/l
RT: 7.783 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49

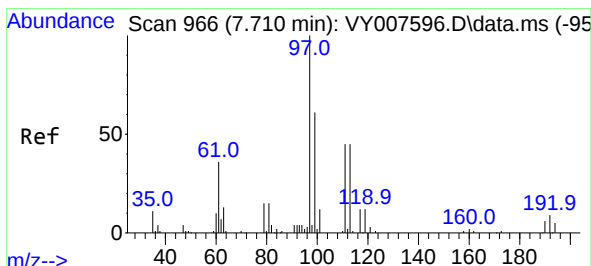
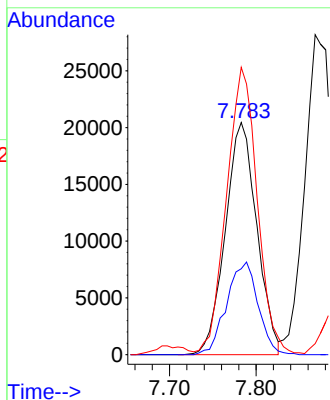
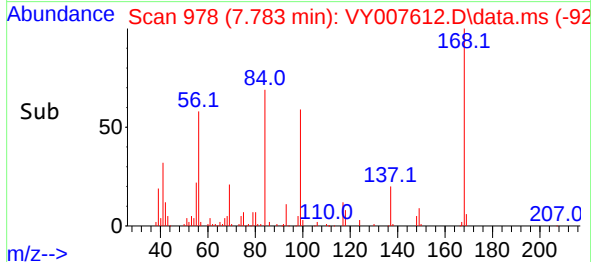
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



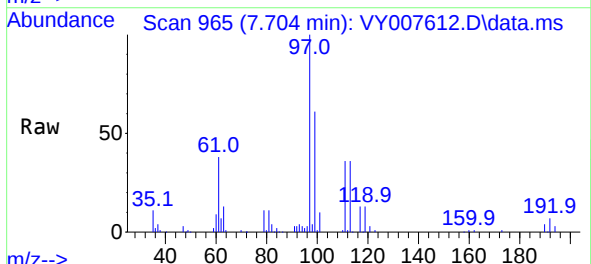
Tgt Ion: 56 Resp: 5171
Ion Ratio Lower Upper
56 100
69 37.0 26.7 40.1
84 120.5 67.2 100.8

Manual Integrations
APPROVED

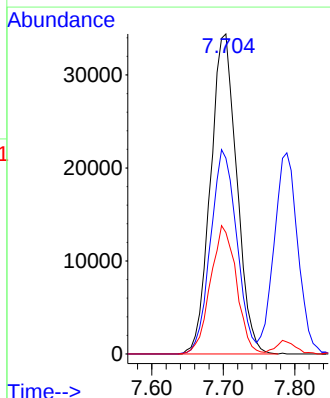
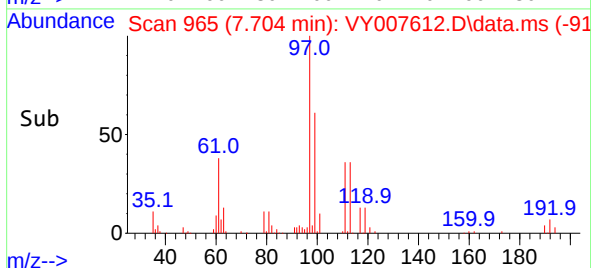
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

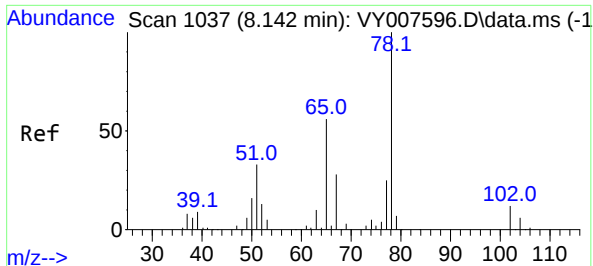


#32
1,1,1-Trichloroethane
Concen: 47.010 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.006 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49



Tgt Ion: 97 Resp: 87611
Ion Ratio Lower Upper
97 100
99 64.0 50.7 76.1
61 39.8 37.6 56.4





#33
1,2-Dichloroethane-d4
Concen: 45.321 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49

Instrument :

MSVOA_Y

ClientSampleId :

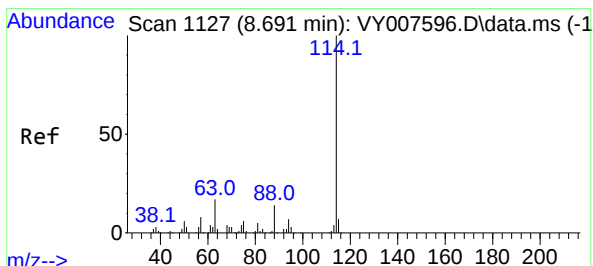
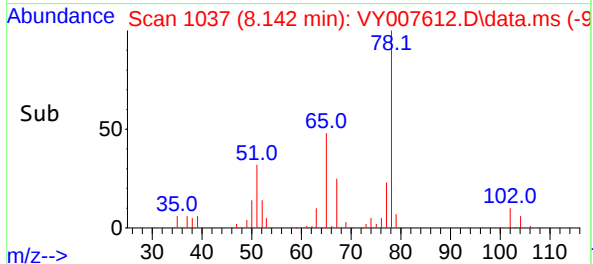
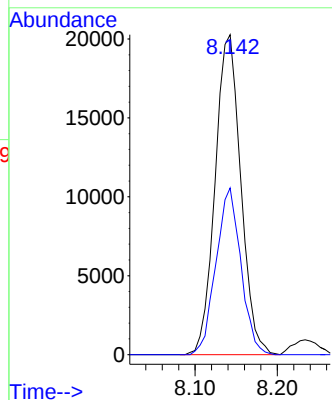
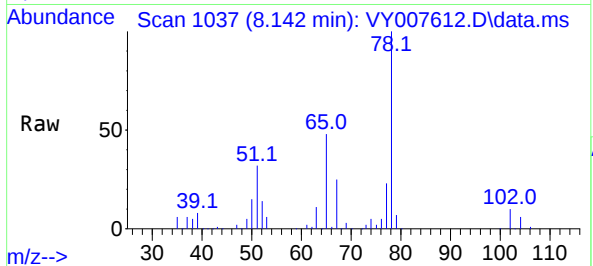
VSTDCCC050EC

Tgt Ion: 65 Resp: 4404
Ion Ratio Lower Upper
65 100
67 50.5 0.0 99.4

Manual Integrations

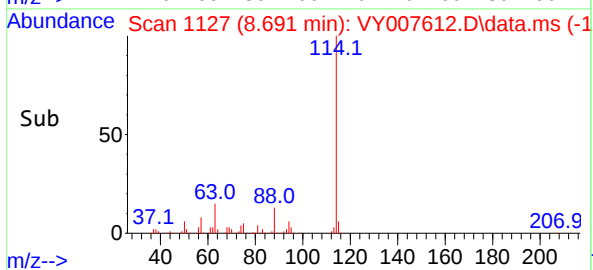
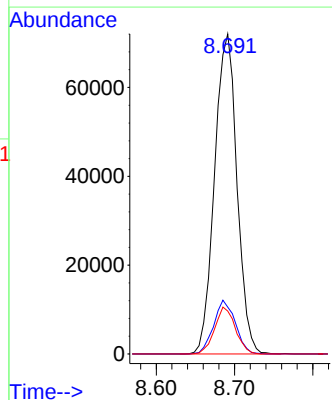
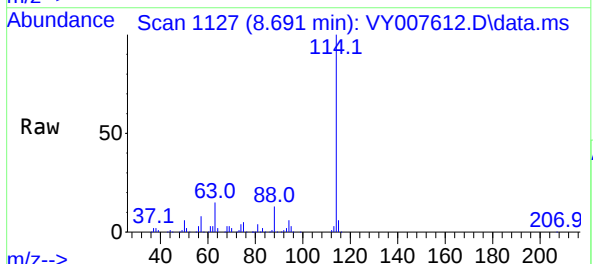
APPROVED

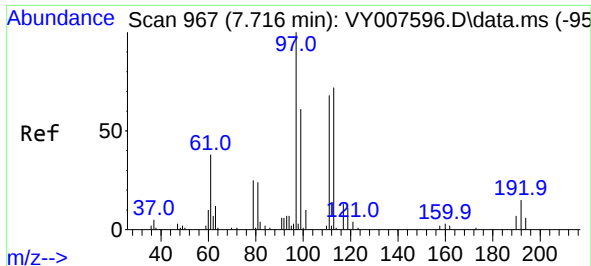
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49

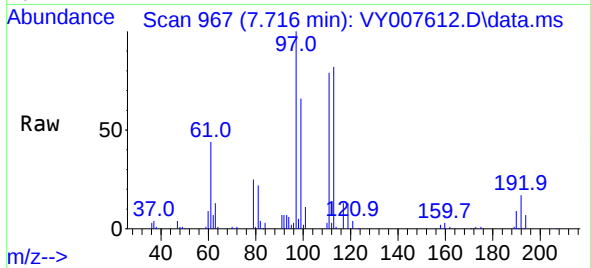
Tgt Ion:114 Resp: 143281
Ion Ratio Lower Upper
114 100
63 14.7 0.0 43.2
88 13.4 0.0 31.8





#35
Dibromofluoromethane
Concen: 45.914 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49

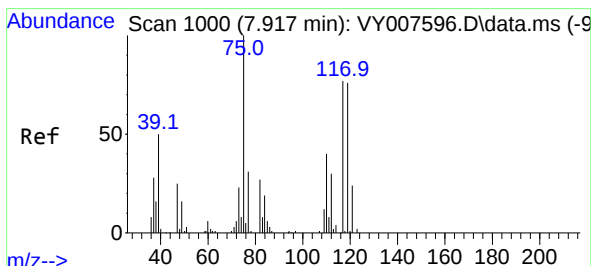
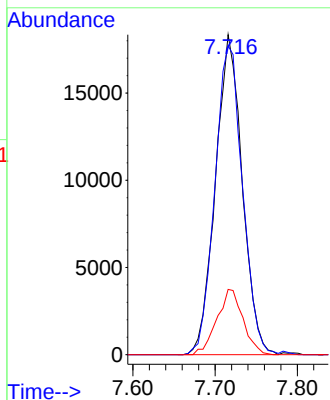
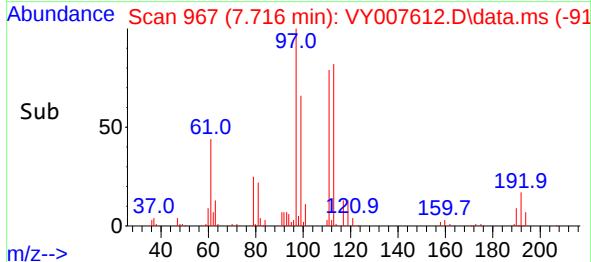
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



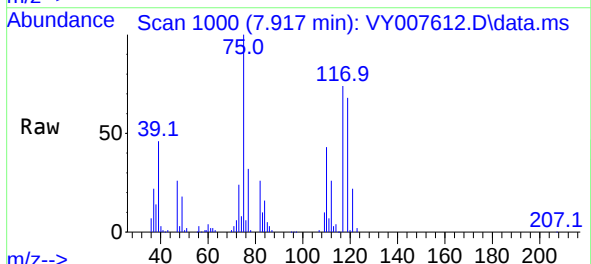
Tgt Ion: 113 Resp: 41510
Ion Ratio Lower Upper
113 100
111 99.8 82.6 124.0
192 19.9 17.6 26.4

Manual Integrations
APPROVED

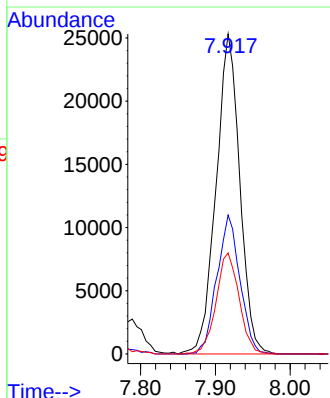
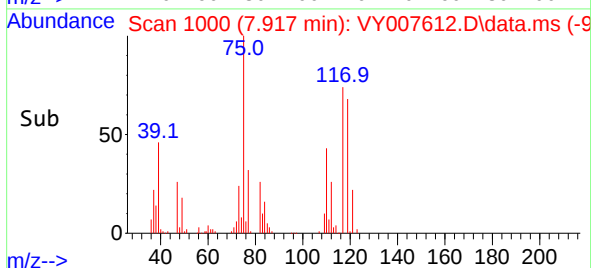
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

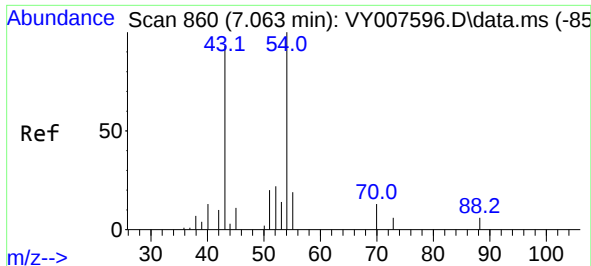


#36
1,1-Dichloropropene
Concen: 42.859 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49



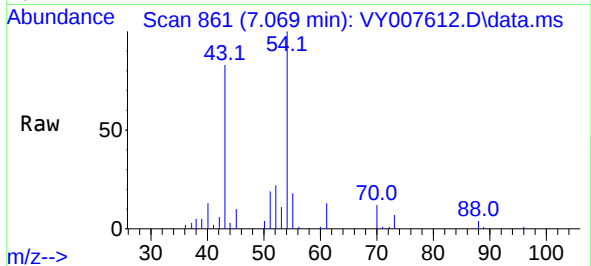
Tgt Ion: 75 Resp: 55838
Ion Ratio Lower Upper
75 100
110 42.2 17.1 51.2
77 30.7 24.4 36.6





#37
Ethyl Acetate
Concen: 44.801 ug/l
RT: 7.069 min Scan# 861
Delta R.T. 0.006 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49

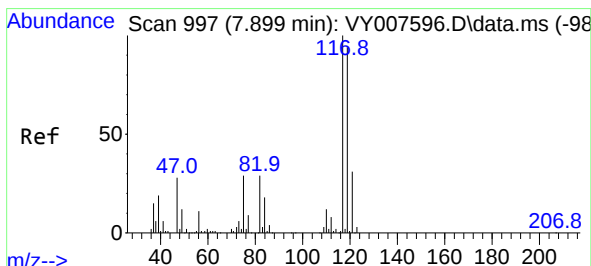
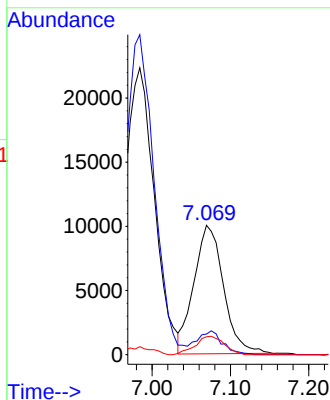
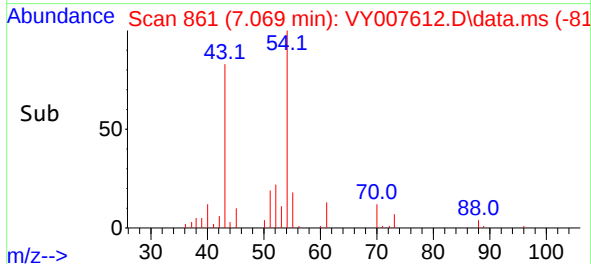
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 2627
Ion Ratio Lower Upper
43 100
61 15.8 9.7 14.5
70 14.0 7.1 10.7

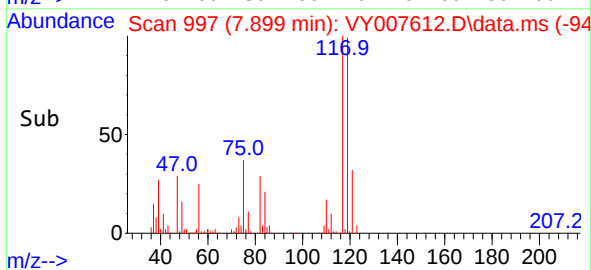
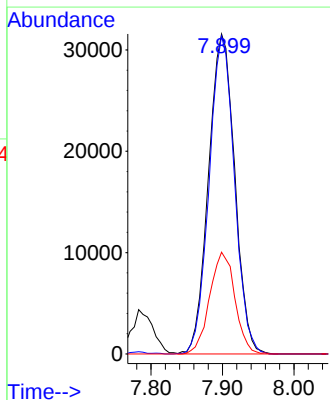
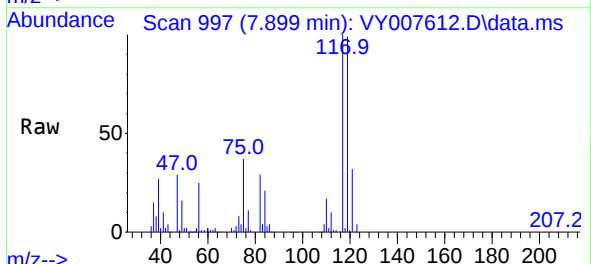
Manual Integrations
APPROVED

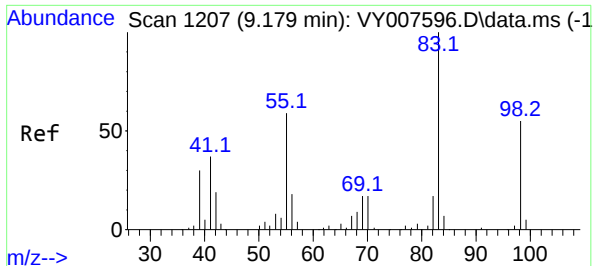
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#38
Carbon Tetrachloride
Concen: 42.033 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49

Tgt Ion:117 Resp: 80193
Ion Ratio Lower Upper
117 100
119 99.3 77.9 116.9
121 31.8 24.8 37.2





#39

Methylcyclohexane

Concen: 46.388 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY007612.D

Acq: 23 Feb 2022 20:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 69162

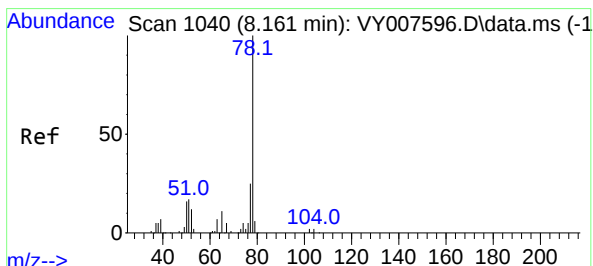
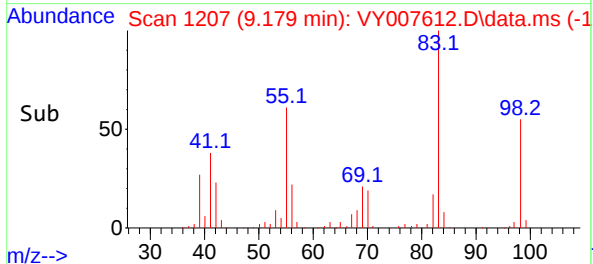
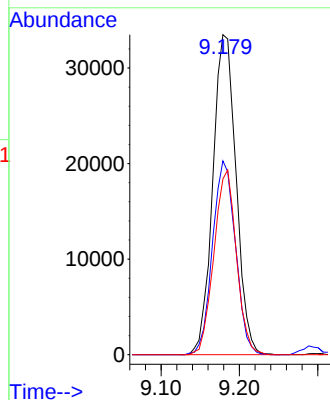
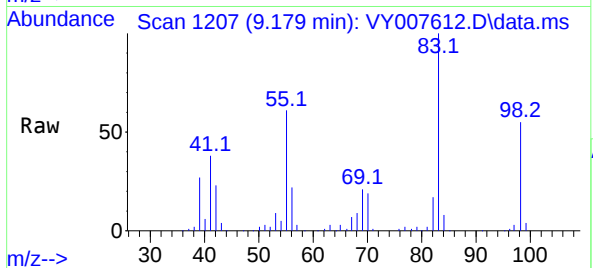
Ion	Ratio	Lower	Upper
83	100		
55	60.6	66.5	99.7
98	54.9	37.9	56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#40

Benzene

Concen: 45.313 ug/l

RT: 8.161 min Scan# 1040

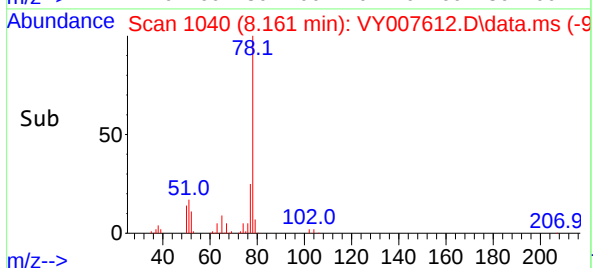
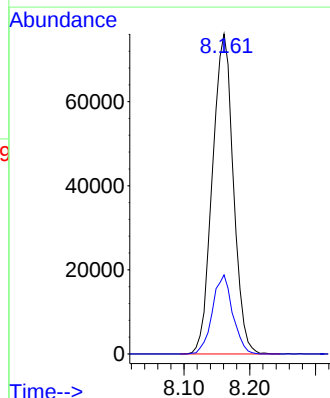
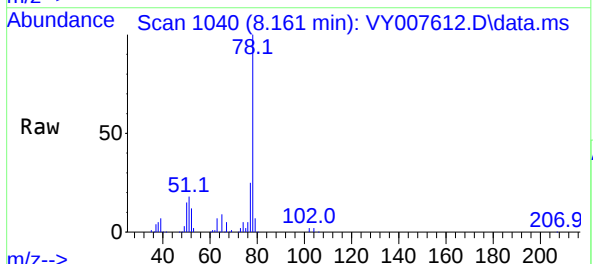
Delta R.T. -0.000 min

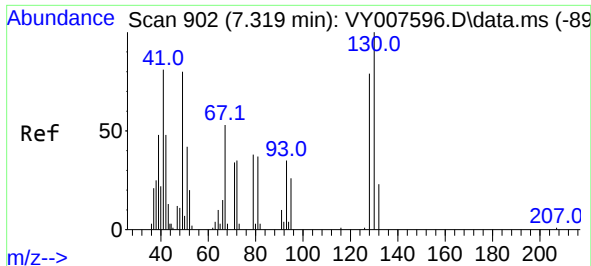
Lab File: VY007612.D

Acq: 23 Feb 2022 20:49

Tgt Ion: 78 Resp: 168437

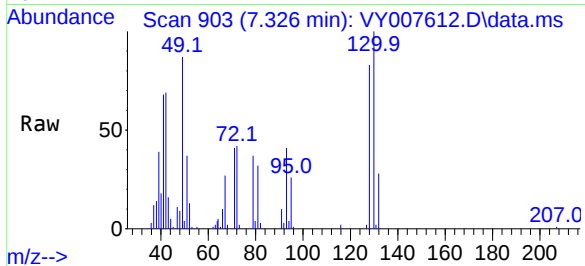
Ion	Ratio	Lower	Upper
78	100		
77	24.7	20.4	30.6





#41
Methacrylonitrile
Concen: 52.143 ug/l m
RT: 7.326 min Scan# 90
Delta R.T. 0.007 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49

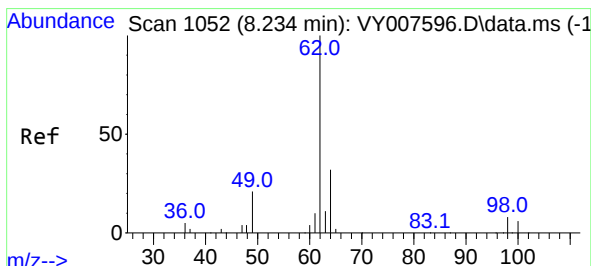
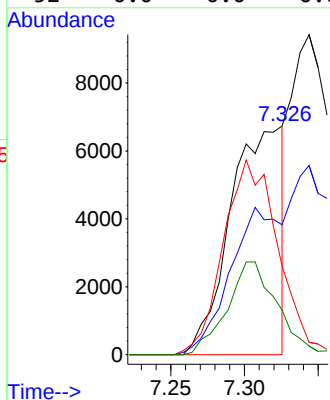
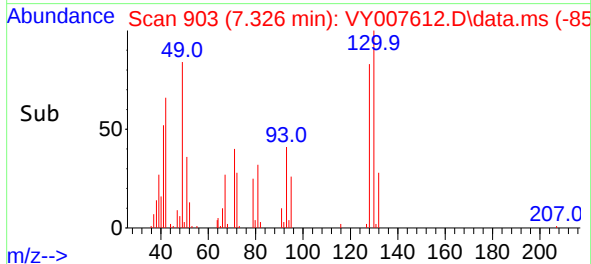
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 1686
Ion Ratio Lower Upper
41 100
39 74.0 92.9 139.3
67 0.0 0.0 0.0
52 0.0 0.0 0.0

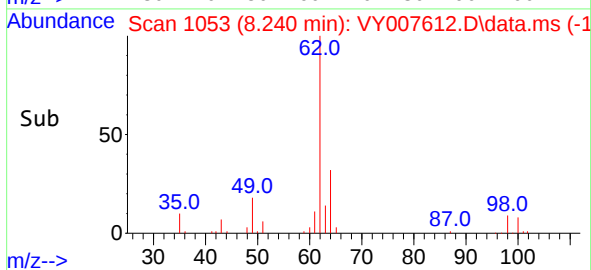
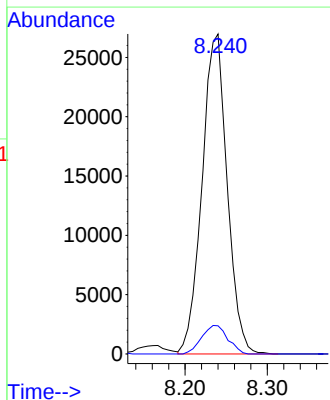
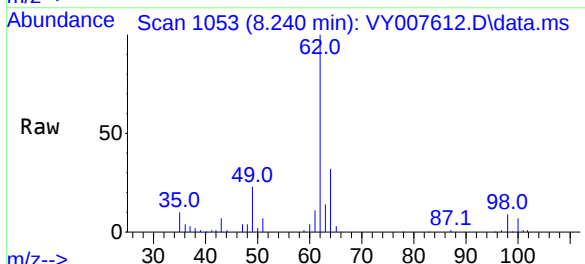
Manual Integrations
APPROVED

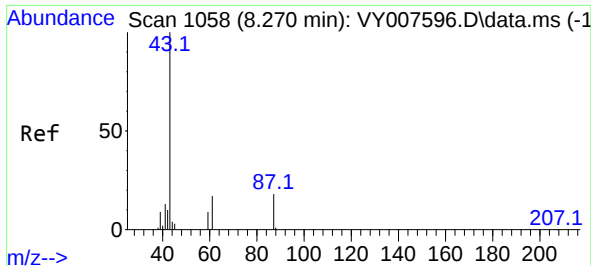
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#42
1,2-Dichloroethane
Concen: 42.091 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49

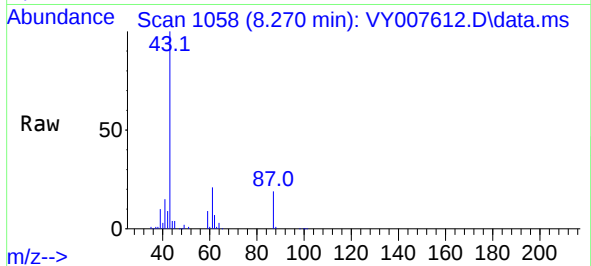
Tgt Ion: 62 Resp: 57312
Ion Ratio Lower Upper
62 100
98 9.2 0.0 14.8





#43
Isopropyl Acetate
Concen: 44.286 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49

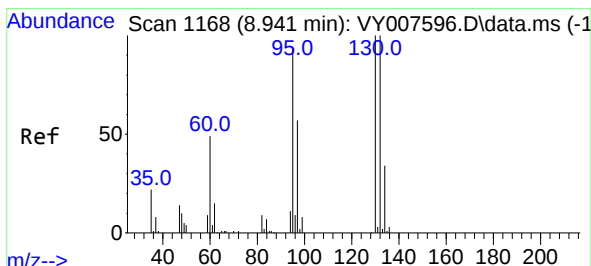
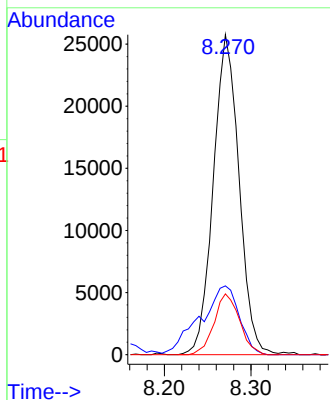
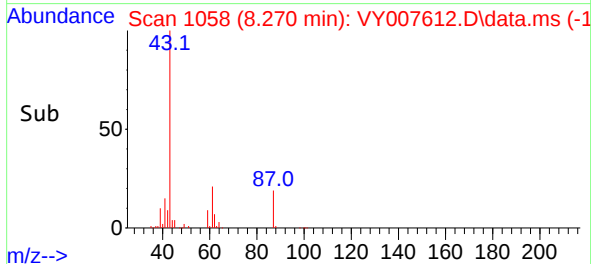
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 5305
Ion Ratio Lower Upper
43 100
61 32.7 20.2 30.2
87 18.9 8.9 13.3

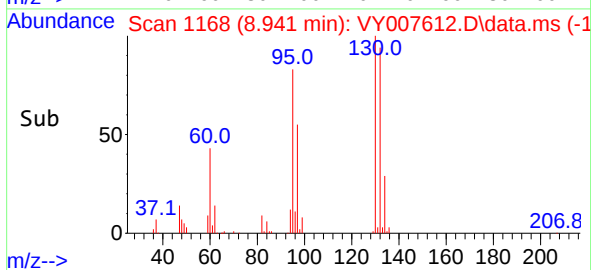
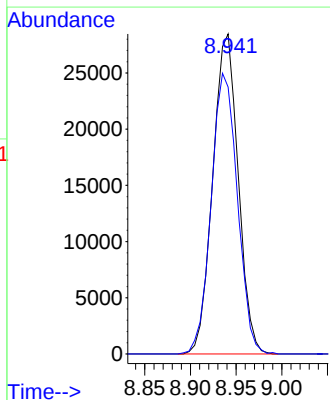
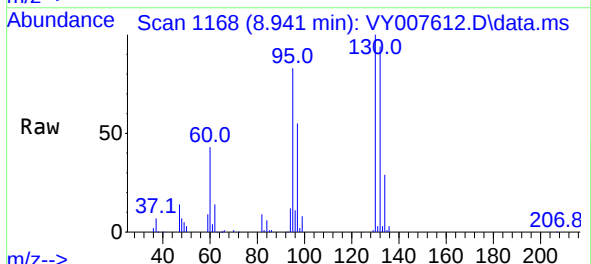
Manual Integrations
APPROVED

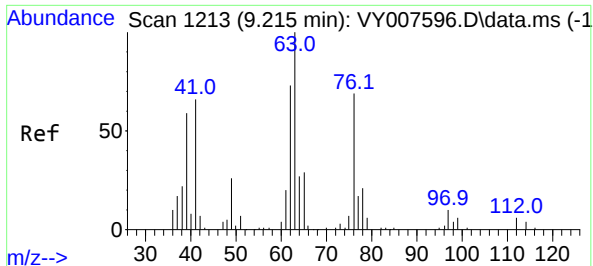
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#44
Trichloroethene
Concen: 43.688 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49

Tgt Ion:130 Resp: 55105
Ion Ratio Lower Upper
130 100
95 83.4 0.0 188.2





#45

1,2-Dichloropropane

Concen: 46.567 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY007612.D

Acq: 23 Feb 2022 20:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 3683

Ion Ratio Lower Upper

63 100

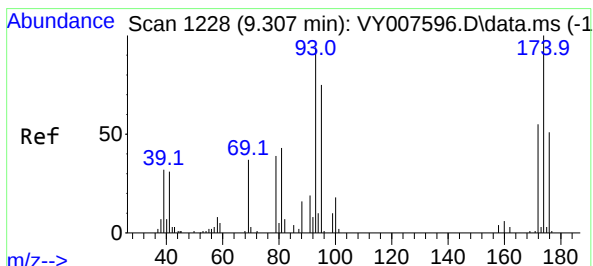
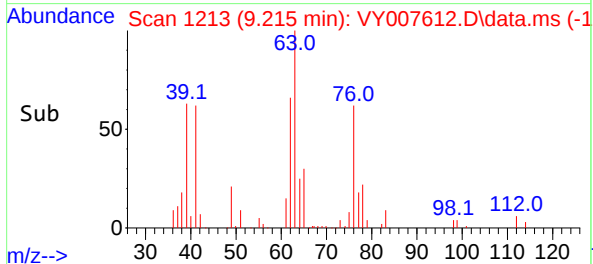
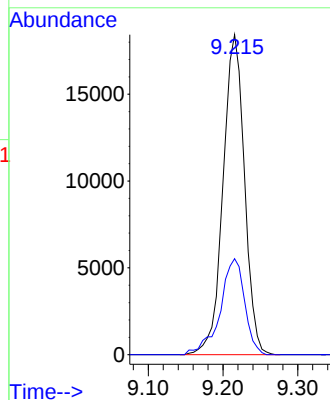
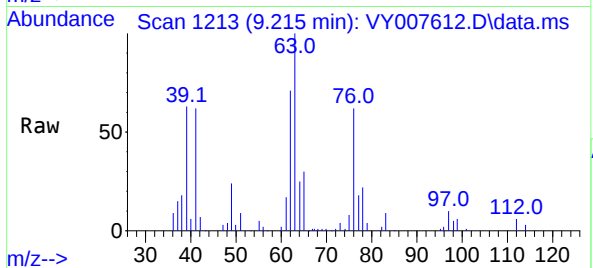
65 30.0 23.0 34.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#46

Dibromomethane

Concen: 43.690 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY007612.D

Acq: 23 Feb 2022 20:49

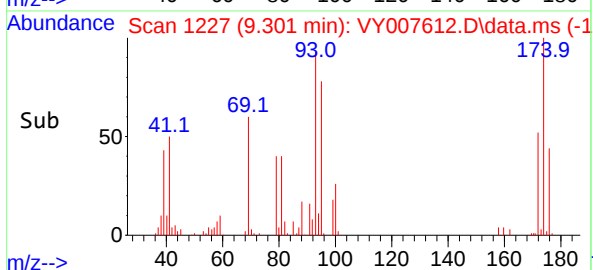
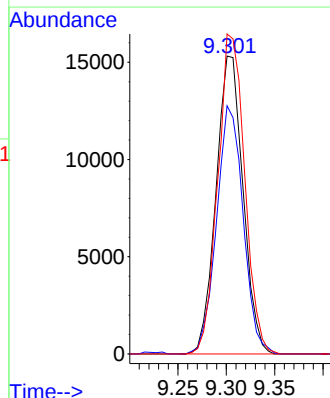
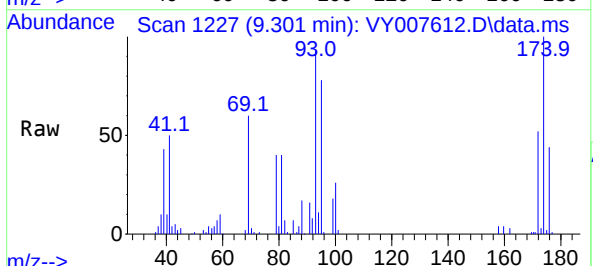
Tgt Ion: 93 Resp: 29636

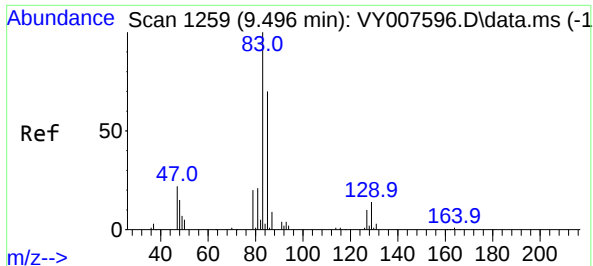
Ion Ratio Lower Upper

93 100

95 82.1 64.3 96.5

174 107.2 83.4 125.0





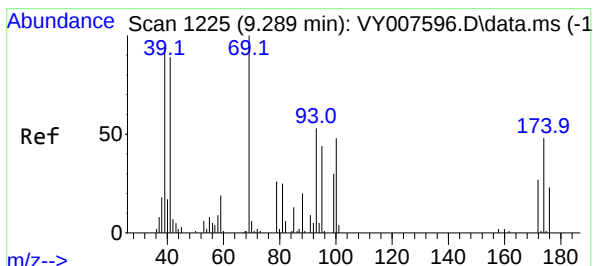
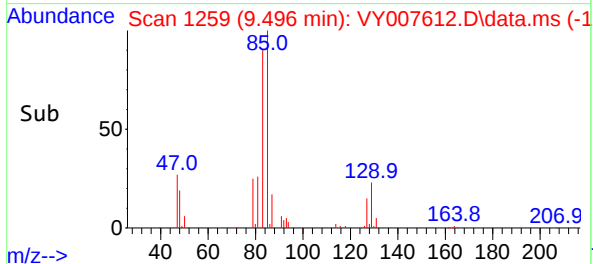
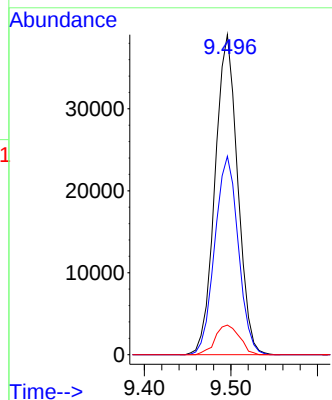
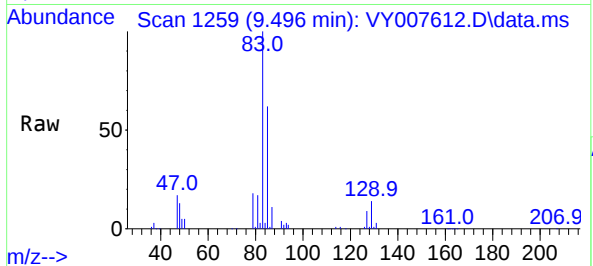
#47
Bromodichloromethane
Concen: 46.369 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 70839
Ion Ratio Lower Upper
83 100
85 62.0 51.9 77.9
127 9.2 6.6 10.0

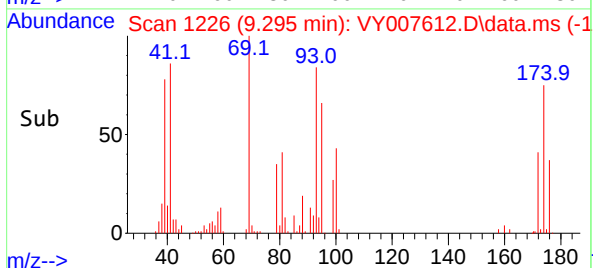
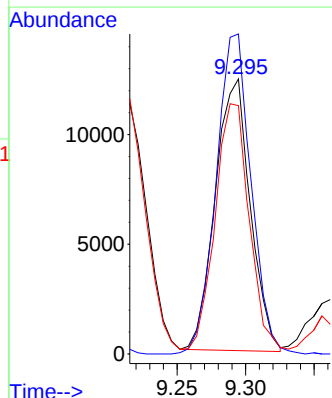
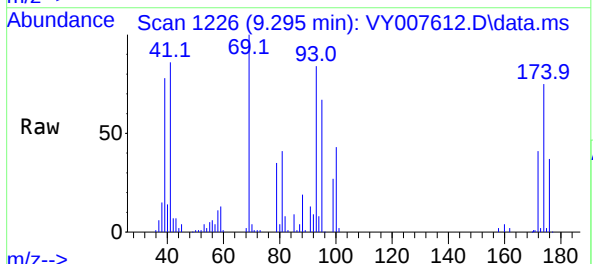
Manual Integrations
APPROVED

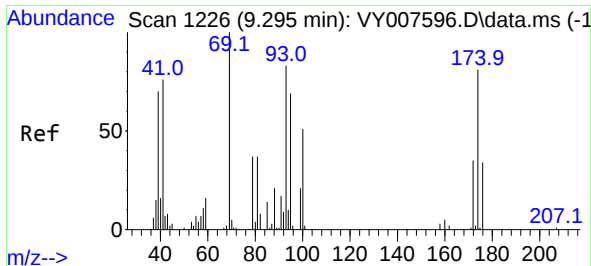
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#48
Methyl methacrylate
Concen: 43.529 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49

Tgt Ion: 41 Resp: 21992
Ion Ratio Lower Upper
41 100
69 117.9 58.2 87.2#
39 91.5 47.4 71.0#





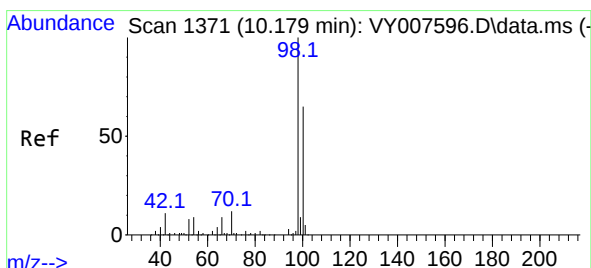
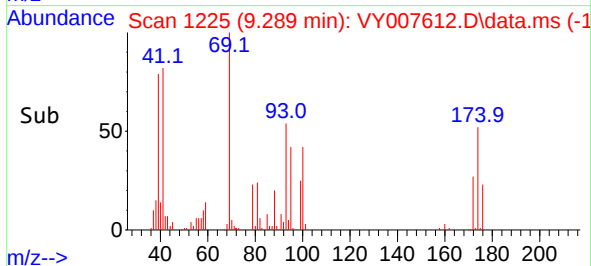
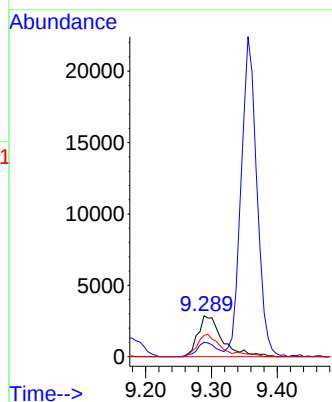
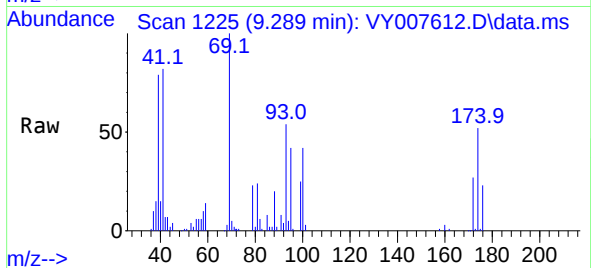
#49
1,4-Dioxane
Concen: 855.663 ug/l
RT: 9.289 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 7385
Ion Ratio Lower Upper
88 100
43 28.7 32.8 49.2
58 54.2 59.8 89.6

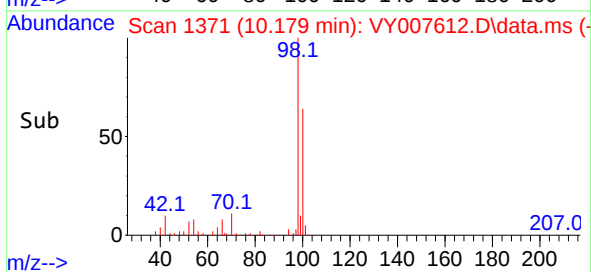
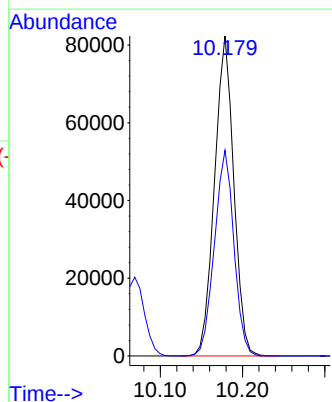
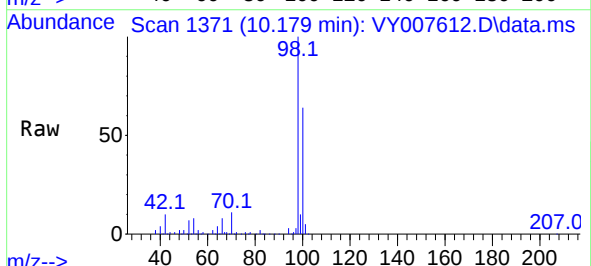
Manual Integrations
APPROVED

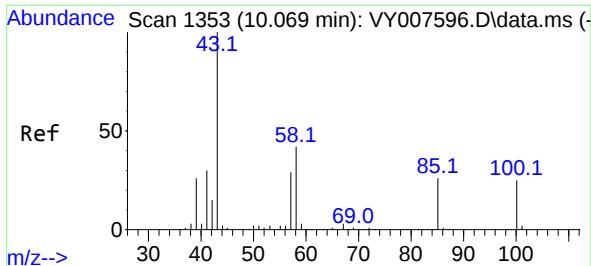
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#50
Toluene-d8
Concen: 40.807 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49

Tgt Ion: 98 Resp: 133978
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2





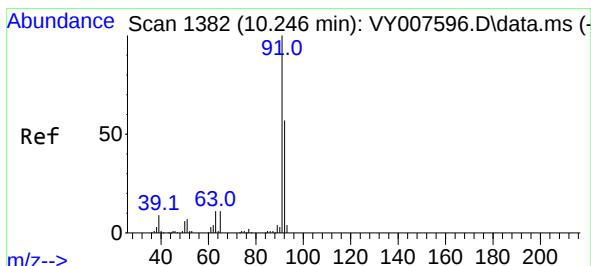
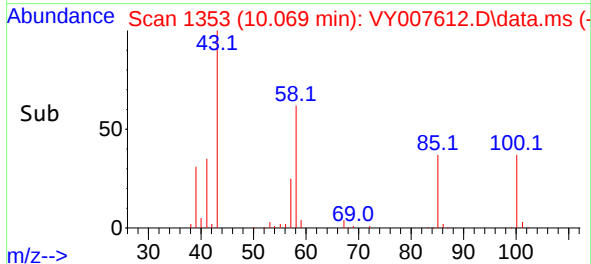
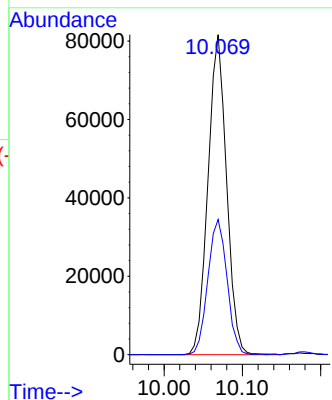
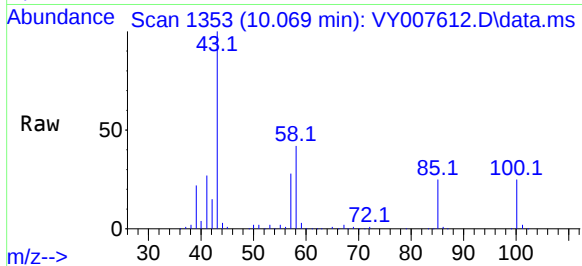
#51
4-Methyl-2-Pentanone
Concen: 222.364 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 134074
Ion Ratio Lower Upper
43 100
58 43.7 28.1 42.1

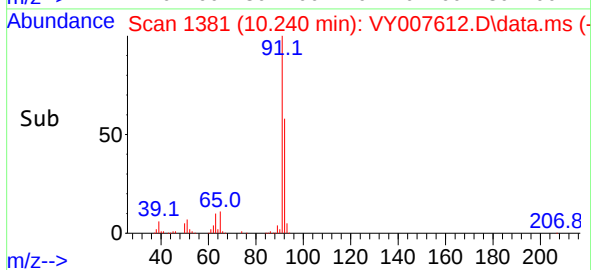
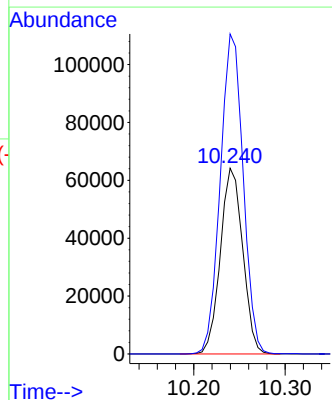
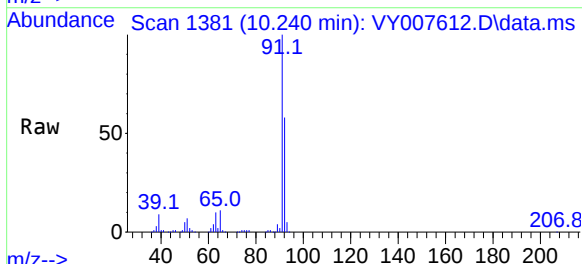
Manual Integrations
APPROVED

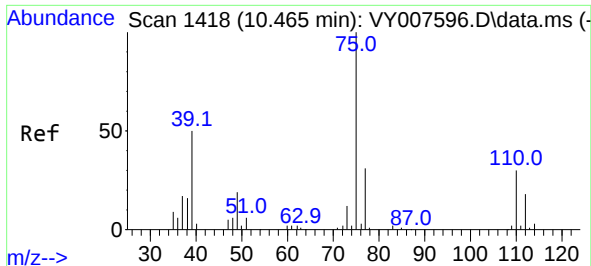
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#52
Toluene
Concen: 43.074 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49

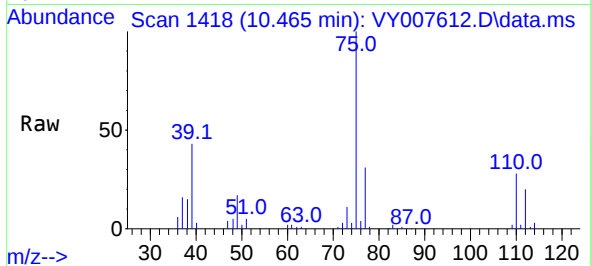
Tgt Ion: 92 Resp: 109211
Ion Ratio Lower Upper
92 100
91 176.1 142.6 213.8





#53
t-1,3-Dichloropropene
Concen: 42.660 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49

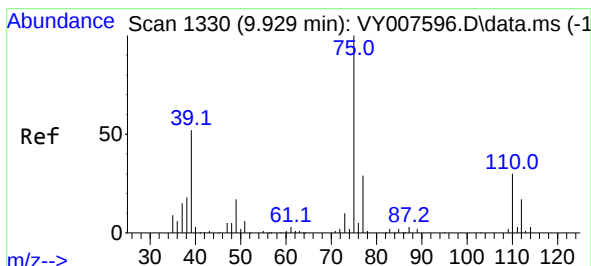
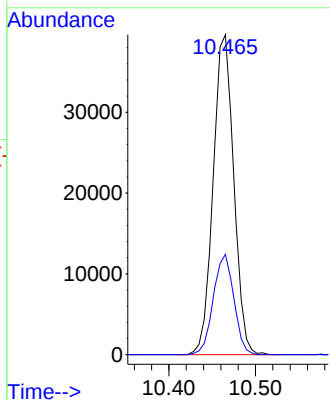
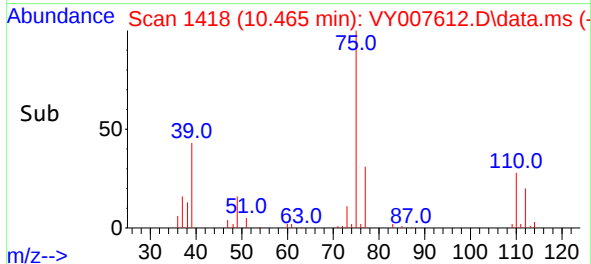
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



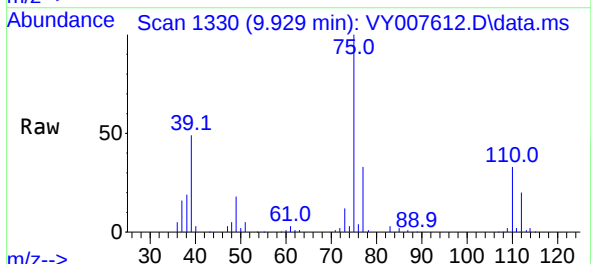
Tgt Ion: 75 Resp: 65390
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.2

Manual Integrations
APPROVED

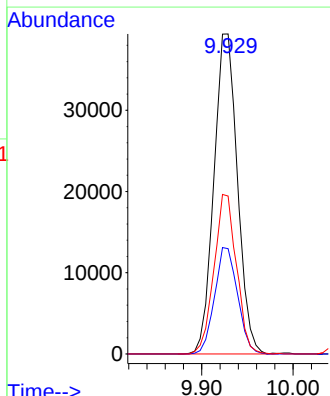
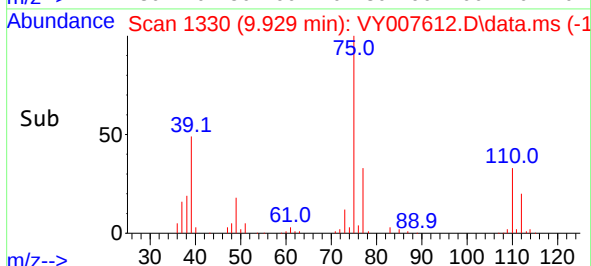
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#54
cis-1,3-Dichloropropene
Concen: 43.560 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49



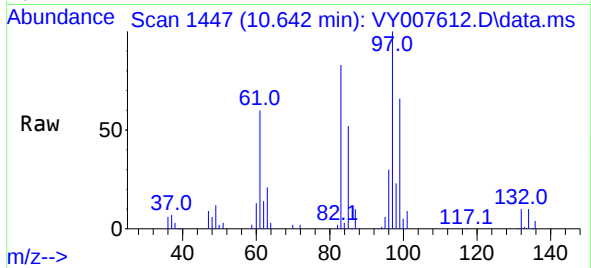
Tgt Ion: 75 Resp: 70503
Ion Ratio Lower Upper
75 100
77 32.9 25.6 38.4
39 49.4 47.6 71.4





#55
1,1,2-Trichloroethane
Concen: 43.571 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

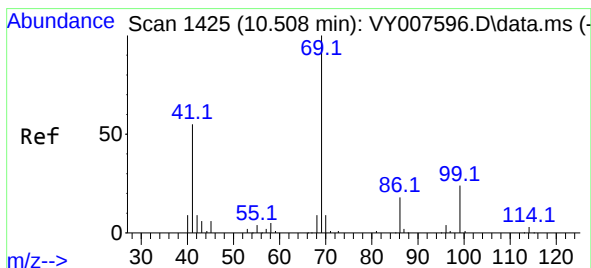
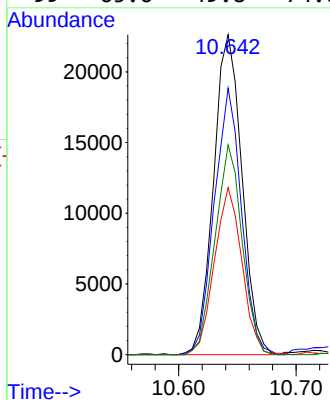
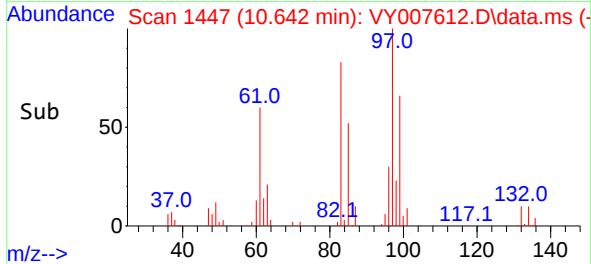


Tgt Ion: 97 Resp: 3806

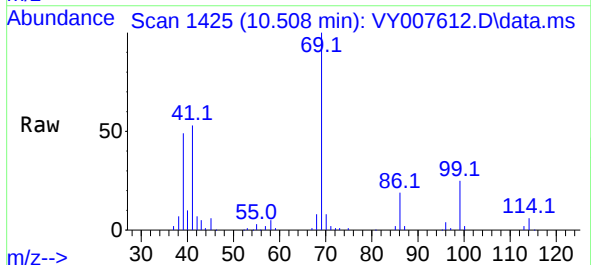
Ion	Ratio	Lower	Upper
97	100		
83	83.3	69.8	104.8
85	52.2	44.3	66.5
99	65.6	49.8	74.6

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

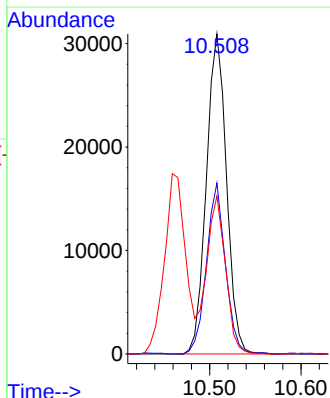
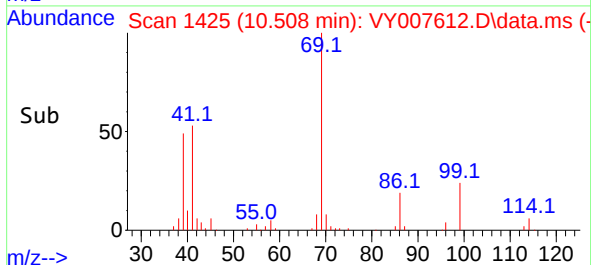


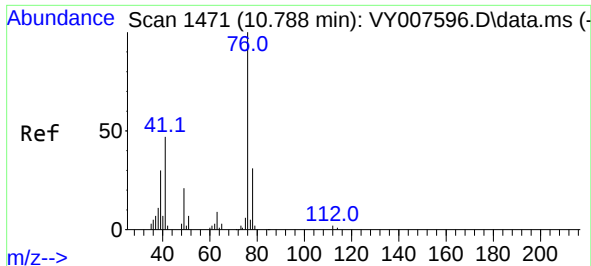
#56
Ethyl methacrylate
Concen: 45.876 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49



Tgt Ion: 69 Resp: 47239

Ion	Ratio	Lower	Upper
69	100		
41	50.4	63.4	95.0#
39	46.7	35.8	53.8





#57

1,3-Dichloropropane

Concen: 44.351 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY007612.D

Acq: 23 Feb 2022 20:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 59454

Ion Ratio Lower Upper

76 100

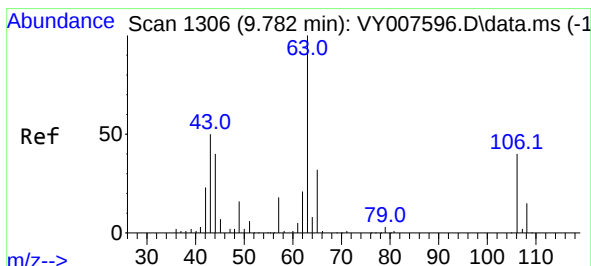
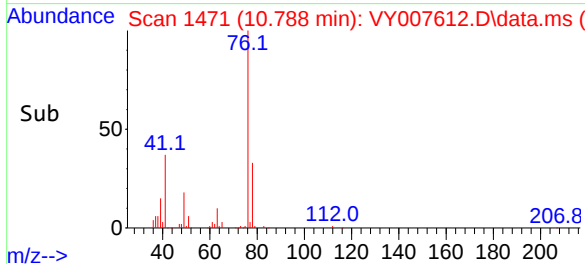
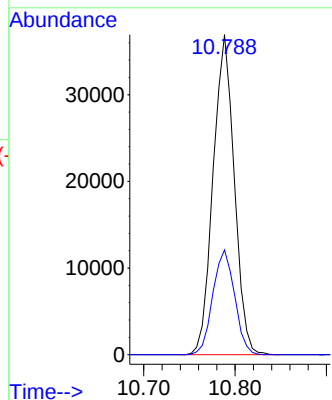
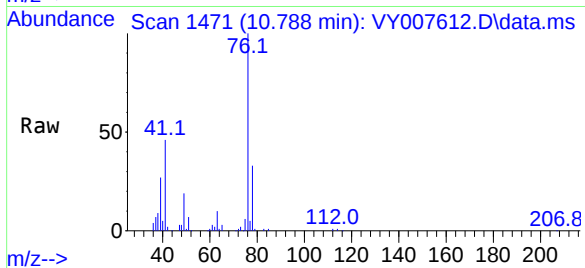
78 33.6 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#58

2-Chloroethyl Vinyl ether

Concen: 240.921 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY007612.D

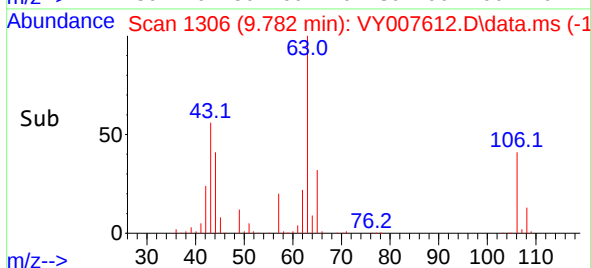
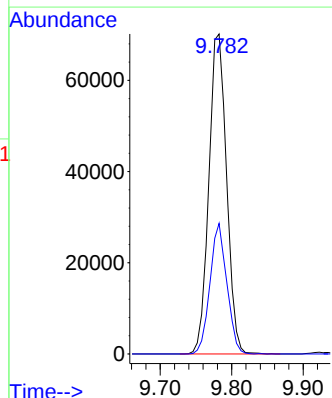
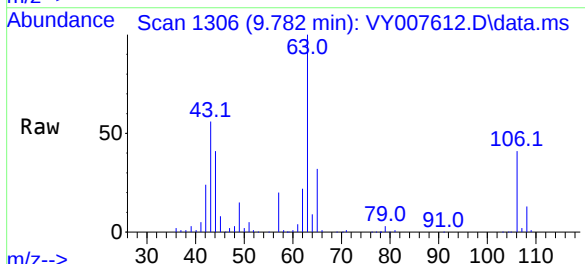
Acq: 23 Feb 2022 20:49

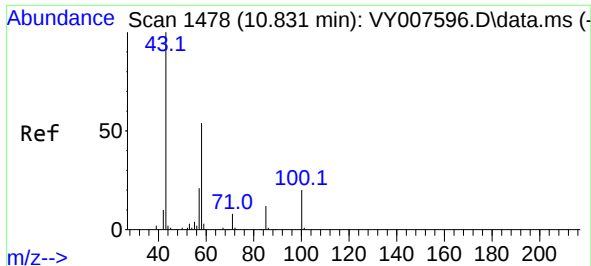
Tgt Ion: 63 Resp: 120720

Ion Ratio Lower Upper

63 100

106 38.8 21.5 32.3#





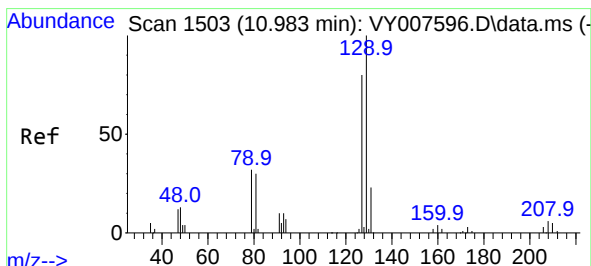
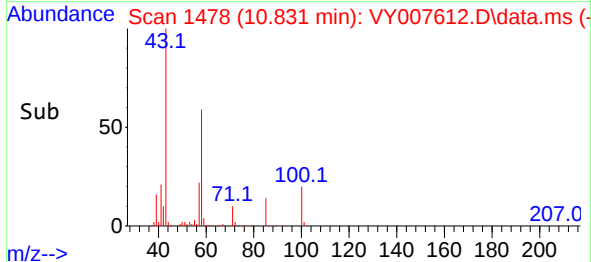
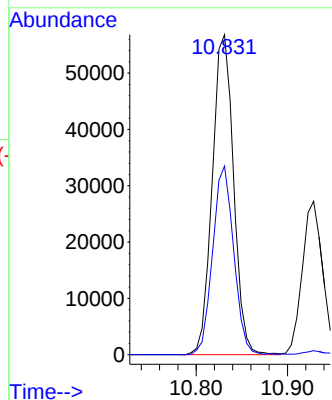
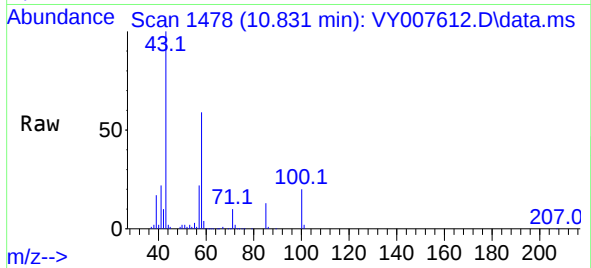
#59
2-Hexanone
Concen: 214.060 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 91983
Ion Ratio Lower Upper
43 100
58 58.3 24.4 73.4

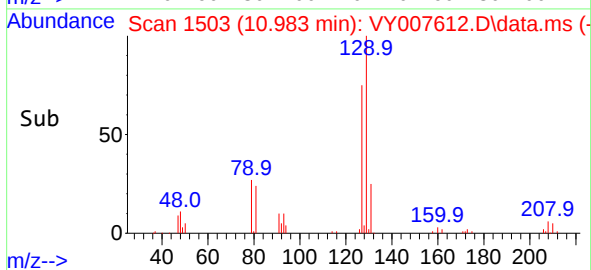
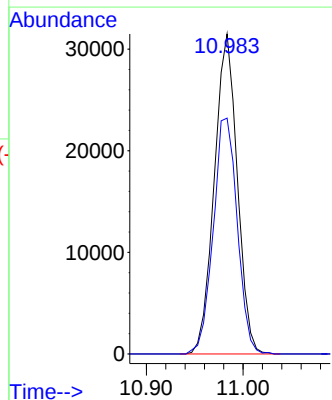
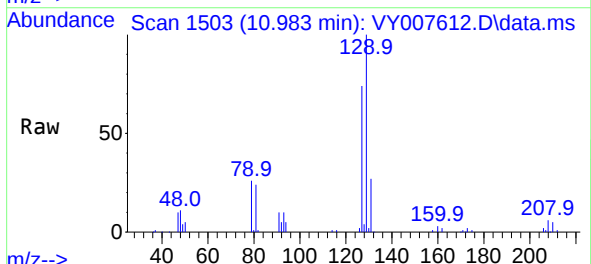
Manual Integrations
APPROVED

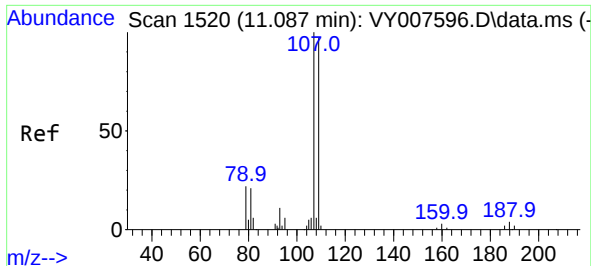
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#60
Dibromochloromethane
Concen: 43.949 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49

Tgt Ion:129 Resp: 51935
Ion Ratio Lower Upper
129 100
127 77.0 38.7 116.1





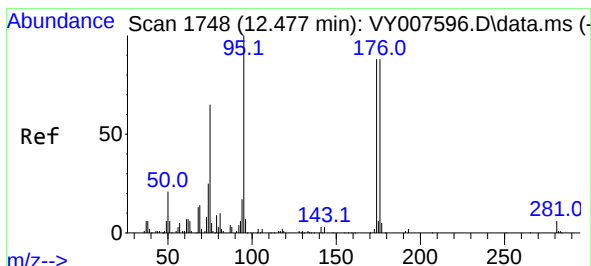
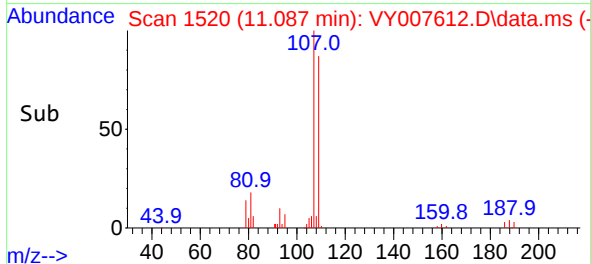
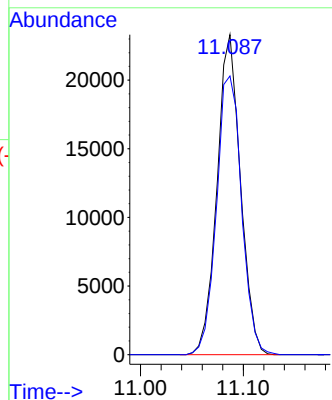
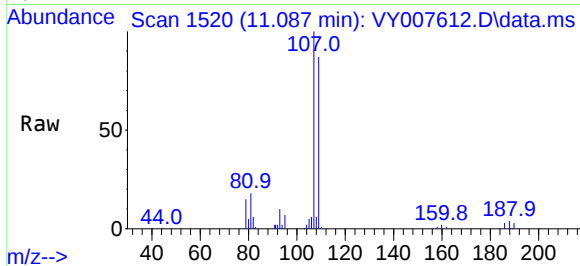
#61
1,2-Dibromoethane
Concen: 42.035 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 3695
Ion Ratio Lower Upper
107 100
109 93.2 75.4 113.2

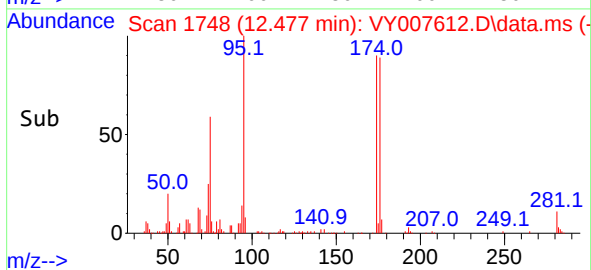
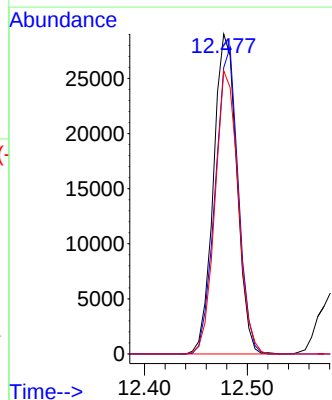
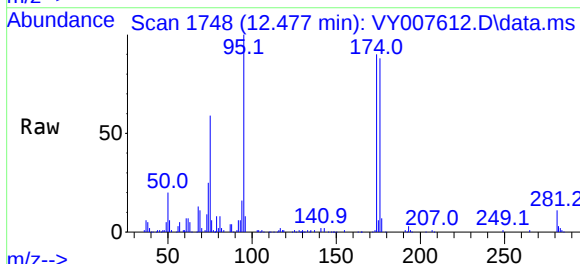
Manual Integrations
APPROVED

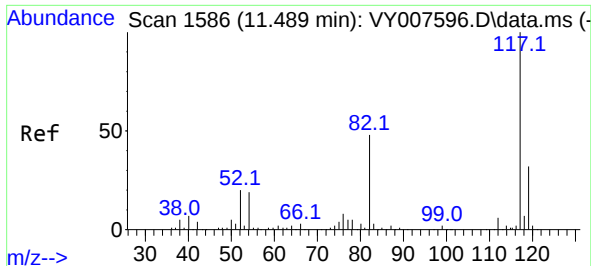
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#62
4-Bromofluorobenzene
Concen: 40.003 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49

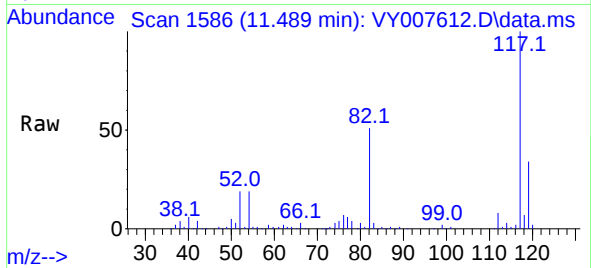
Tgt Ion: 95 Resp: 45730
Ion Ratio Lower Upper
95 100
174 93.8 0.0 177.0
176 87.4 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49

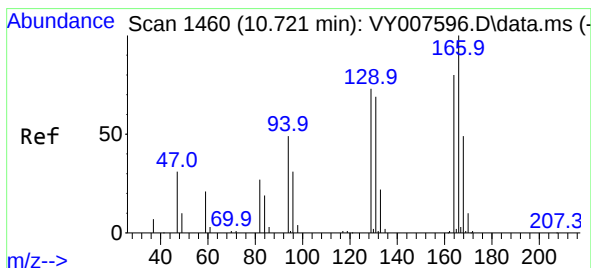
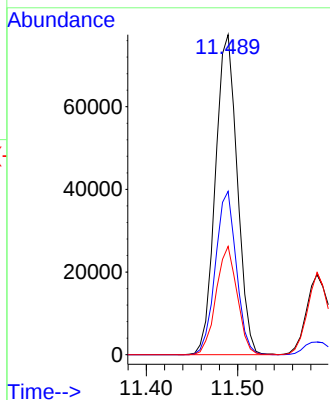
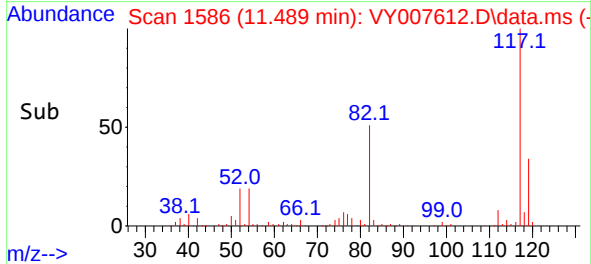
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



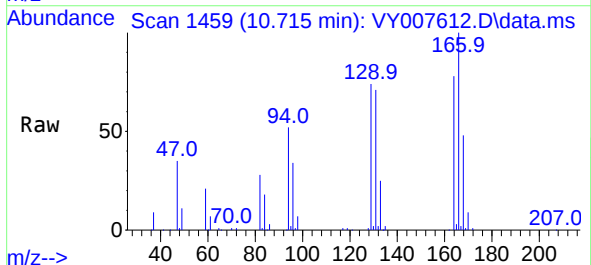
Tgt Ion:117 Resp: 128732
Ion Ratio Lower Upper
117 100
82 51.1 43.0 64.4
119 33.9 25.4 38.0

Manual Integrations
APPROVED

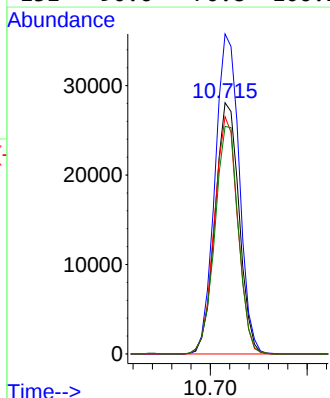
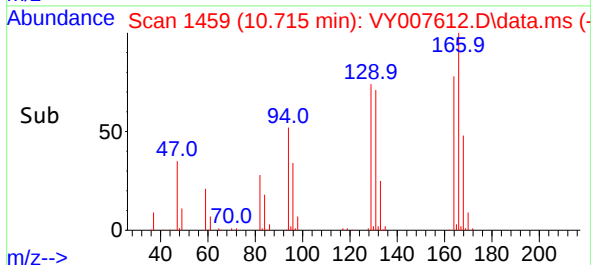
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

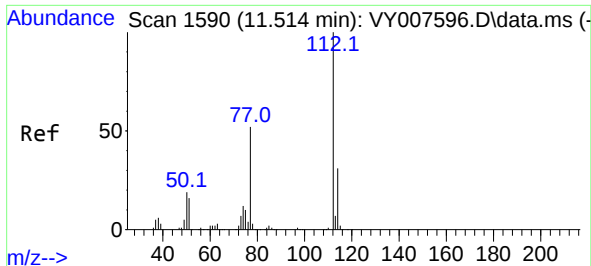


#64
Tetrachloroethene
Concen: 48.603 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49



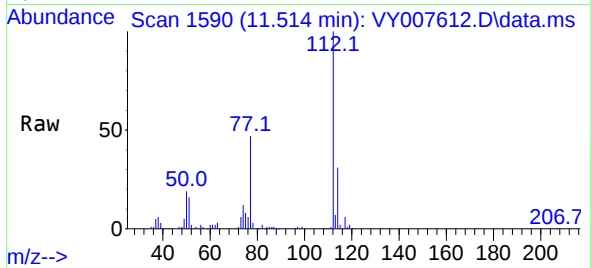
Tgt Ion:164 Resp: 48256
Ion Ratio Lower Upper
164 100
166 127.4 100.4 150.6
129 94.5 71.4 107.0
131 90.6 70.8 106.2





#65
Chlorobenzene
Concen: 45.876 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. -0.000 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49

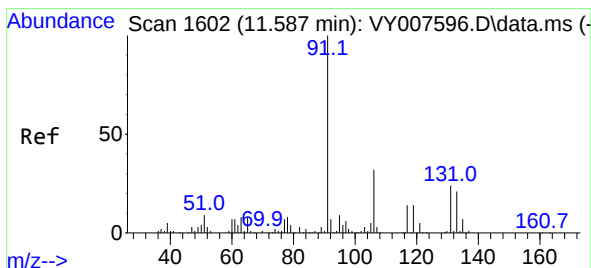
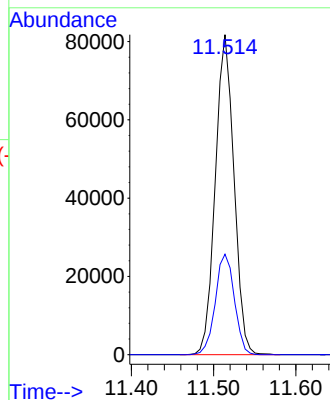
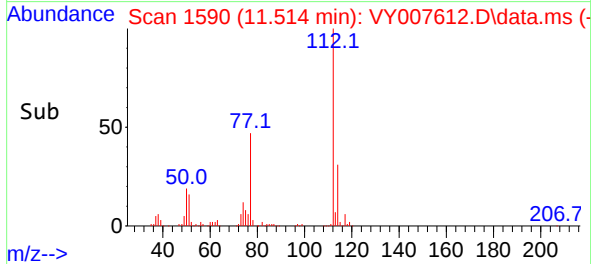
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



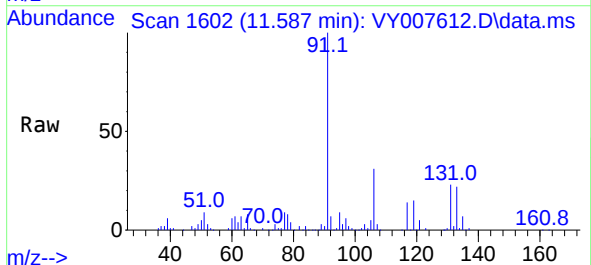
Tgt Ion:112 Resp: 12873
Ion Ratio Lower Upper
112 100
114 31.4 25.8 38.6

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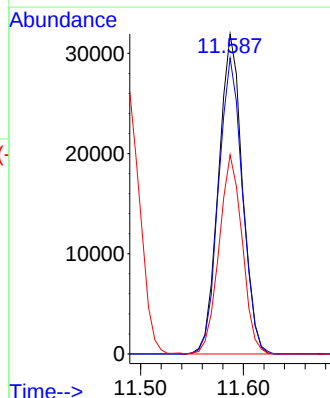
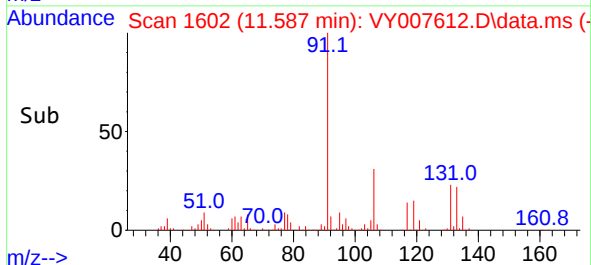
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

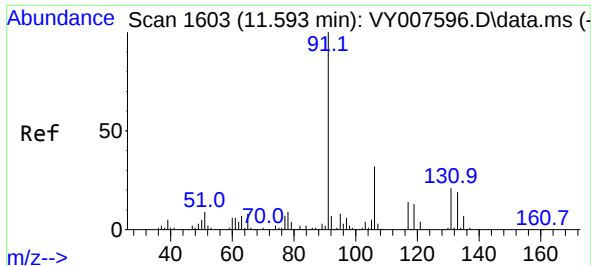


#66
1,1,1,2-Tetrachloroethane
Concen: 45.937 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49



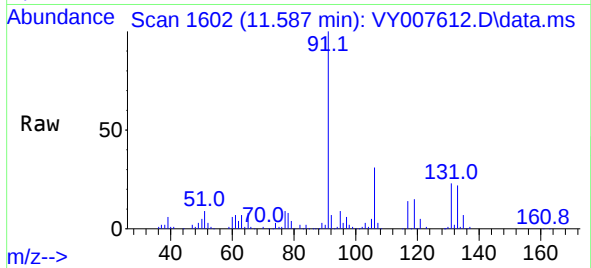
Tgt Ion:131 Resp: 51073
Ion Ratio Lower Upper
131 100
133 93.3 47.9 143.6
119 60.7 30.8 92.3





#67
Ethyl Benzene
Concen: 45.491 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49

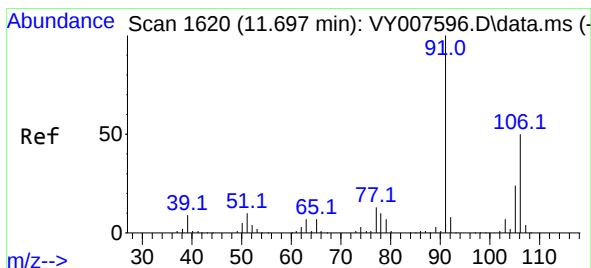
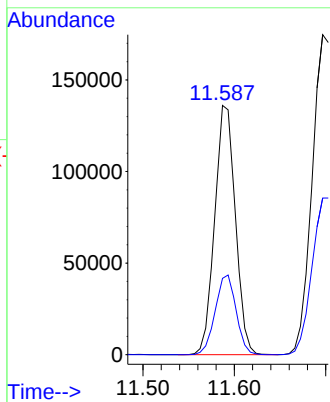
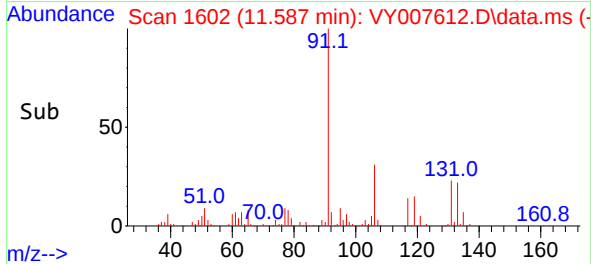
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



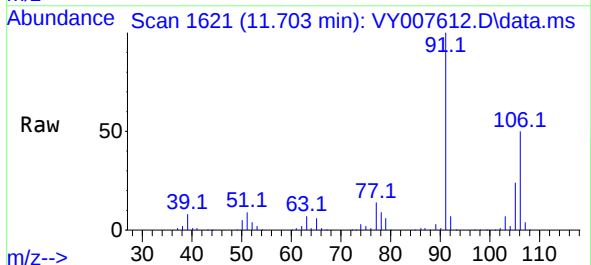
Tgt Ion: 91 Resp: 214083
Ion Ratio Lower Upper
91 100
106 30.6 24.5 36.7

Manual Integrations
APPROVED

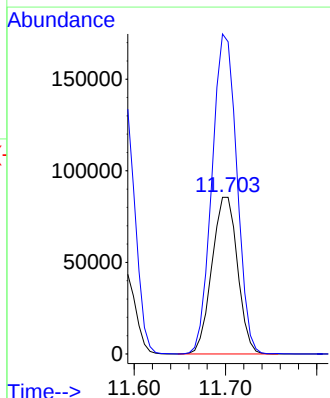
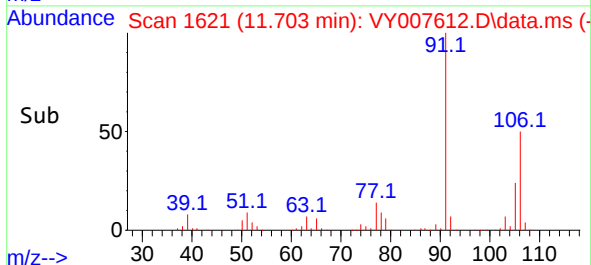
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

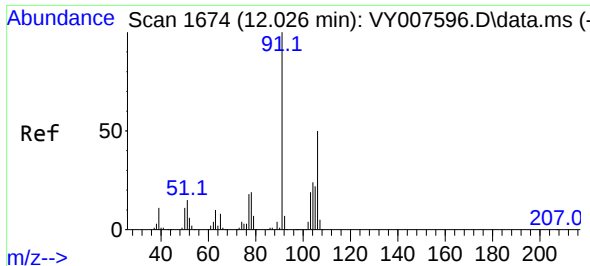


#68
m/p-Xylenes
Concen: 90.383 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49



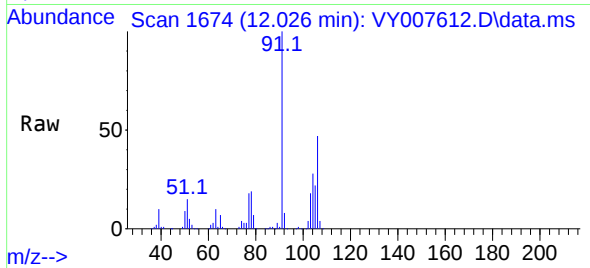
Tgt Ion:106 Resp: 166576
Ion Ratio Lower Upper
106 100
91 198.5 166.6 249.8





#69
o-Xylene
Concen: 44.046 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49

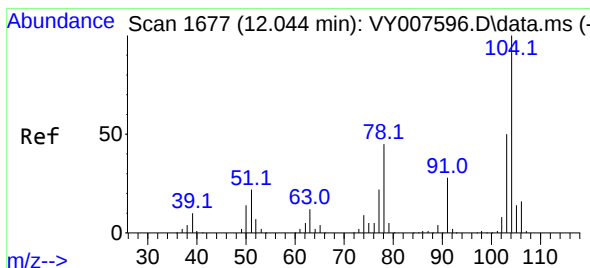
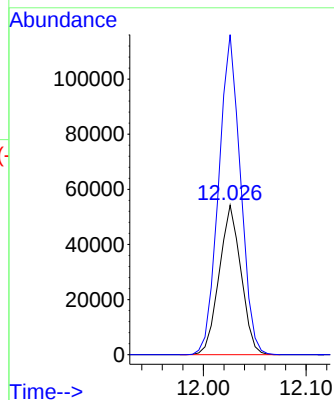
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 7983
Ion Ratio Lower Upper
106 100
91 214.6 110.3 331.0

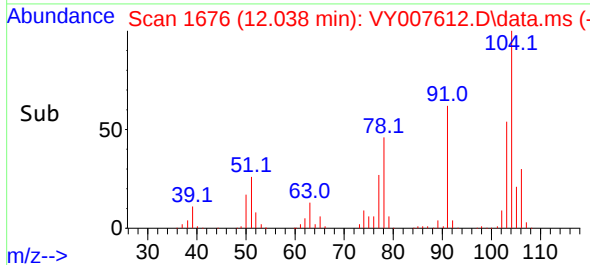
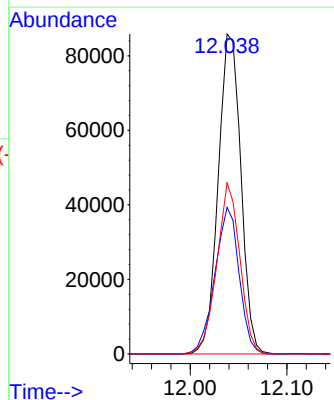
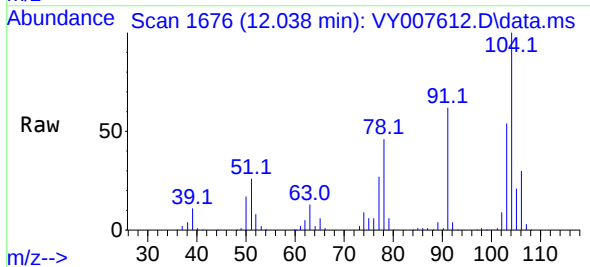
Manual Integrations
APPROVED

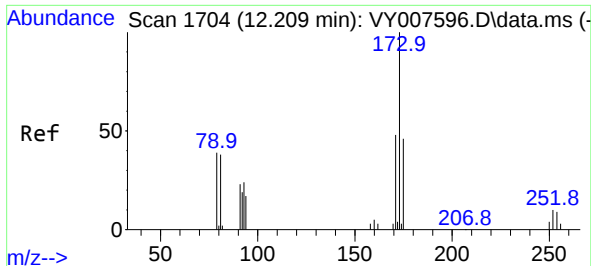
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#70
Styrene
Concen: 46.098 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.006 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49

Tgt Ion:104 Resp: 139774
Ion Ratio Lower Upper
104 100
78 49.0 42.4 63.6
103 54.5 44.4 66.6





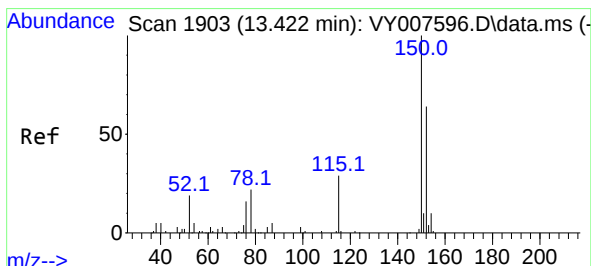
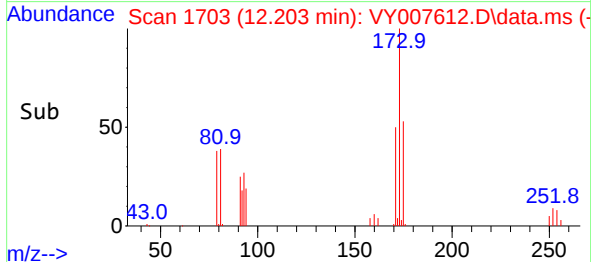
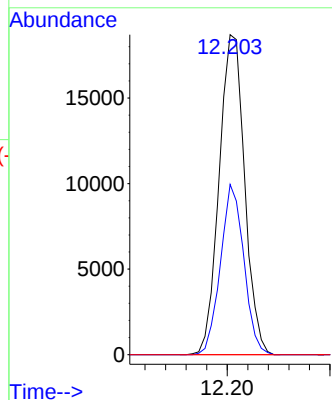
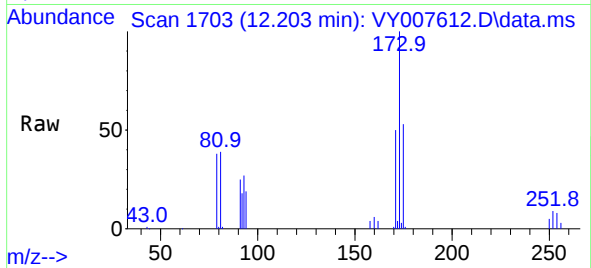
#71
Bromoform
Concen: 43.742 ug/l
RT: 12.203 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 3221
Ion Ratio Lower Upper
173 100
175 48.8 24.6 74.0
254 0.0 0.0 0.0

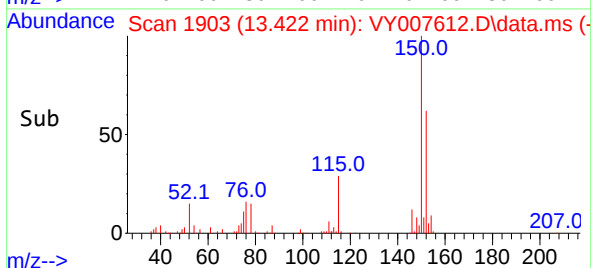
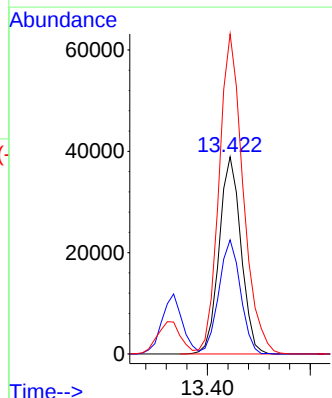
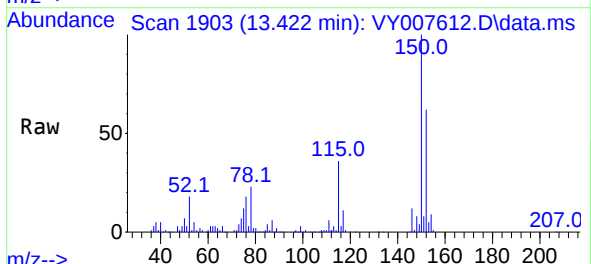
Manual Integrations
APPROVED

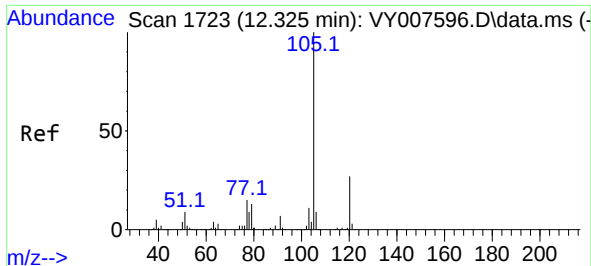
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49

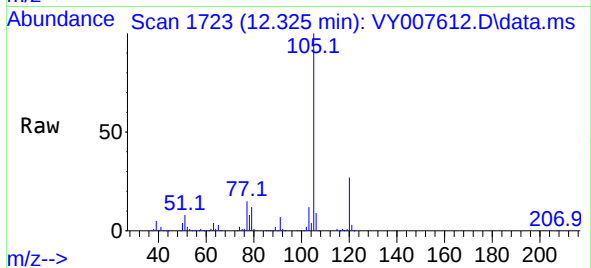
Tgt Ion:152 Resp: 57340
Ion Ratio Lower Upper
152 100
115 57.6 28.2 84.7
150 178.8 0.0 347.6





#73
Isopropylbenzene
Concen: 48.447 ug/l
RT: 12.325 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49

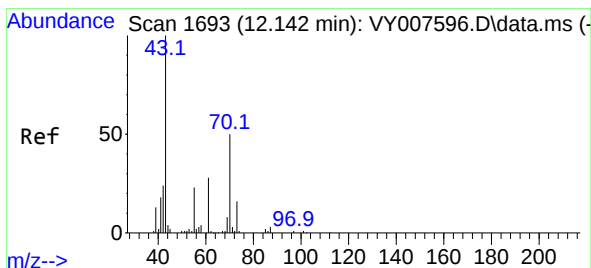
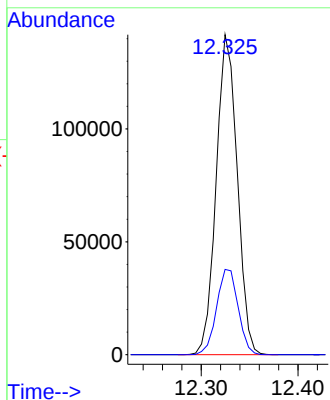
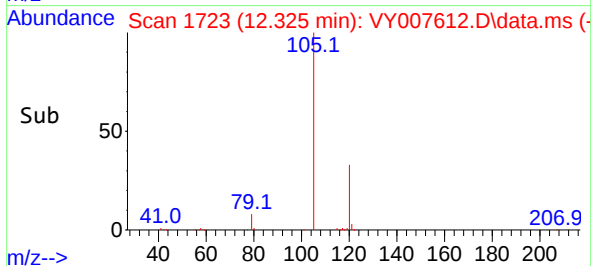
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



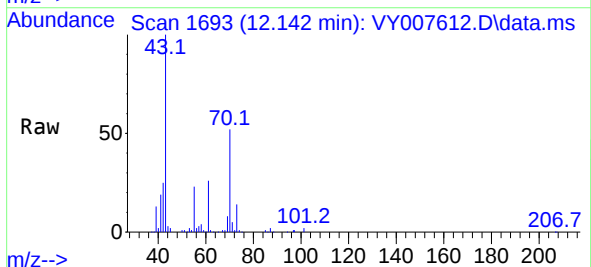
Tgt Ion:105 Resp: 21398
Ion Ratio Lower Upper
105 100
120 27.3 13.4 40.2

Manual Integrations
APPROVED

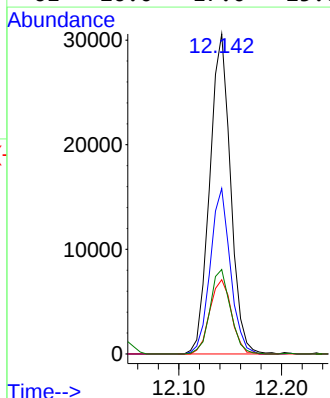
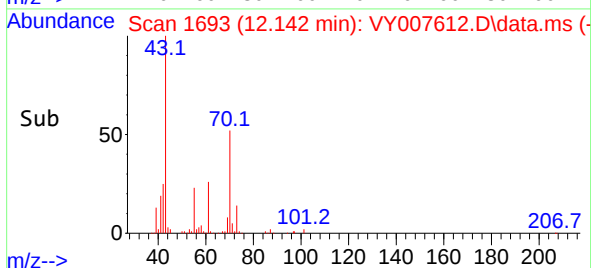
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

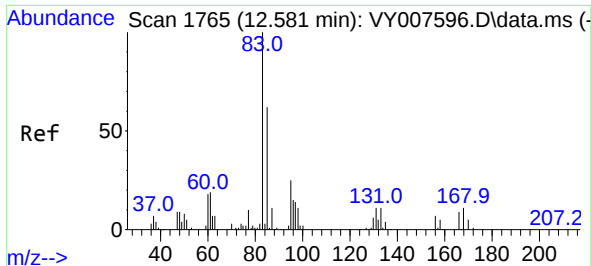


#74
N-ethyl acetate
Concen: 50.075 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49



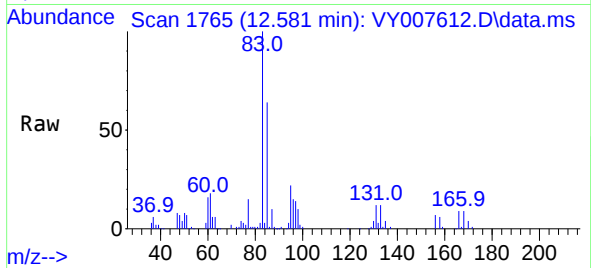
Tgt Ion: 43 Resp: 43072
Ion Ratio Lower Upper
43 100
70 50.1 28.7 43.1#
55 24.2 17.3 25.9
61 26.0 17.0 25.6#





#75
1,1,2,2-Tetrachloroethane
Concen: 49.166 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49

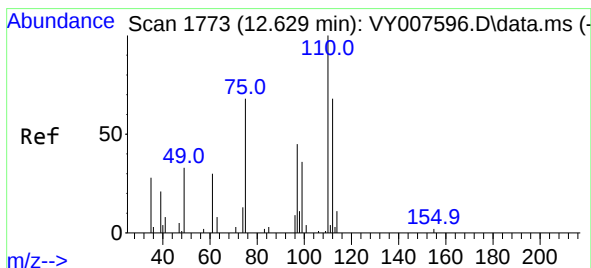
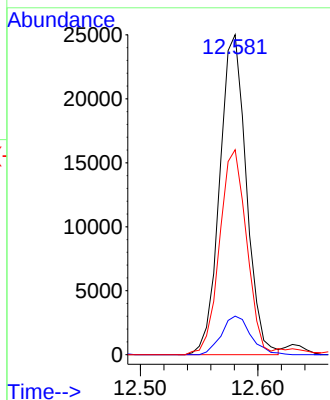
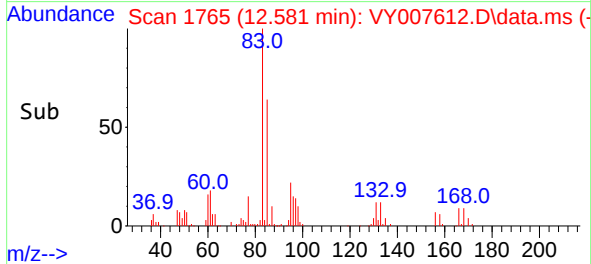
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



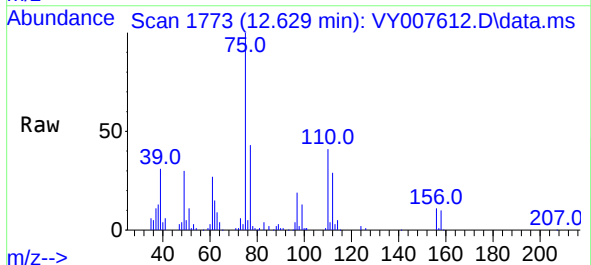
Tgt Ion: 83 Resp: 39375
Ion Ratio Lower Upper
83 100
131 13.3 5.6 16.8
85 64.9 32.3 96.8

Manual Integrations
APPROVED

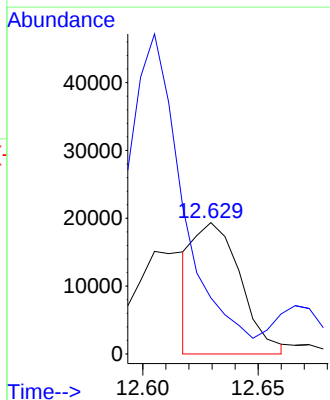
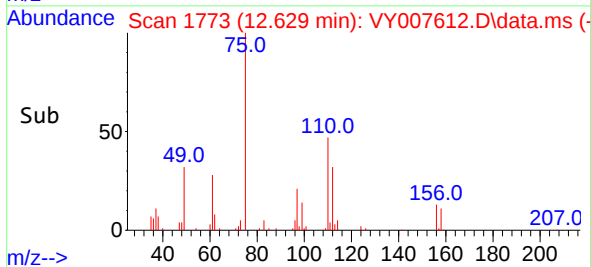
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

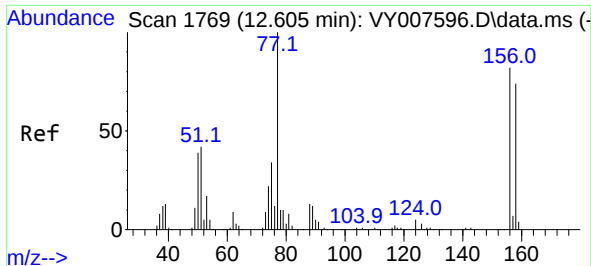


#76
1,2,3-Trichloropropane
Concen: 47.959 ug/l m
RT: 12.629 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49



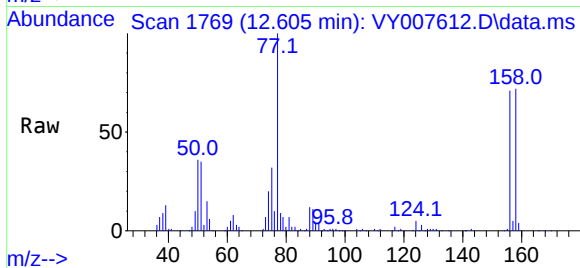
Tgt Ion: 75 Resp: 27504
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 45.513 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49

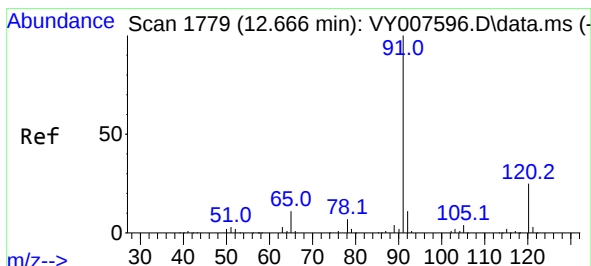
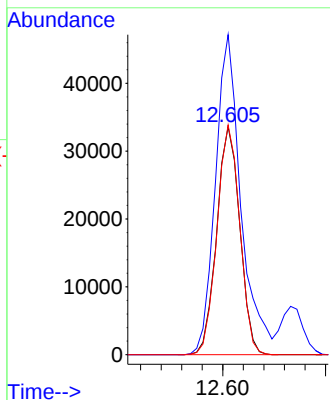
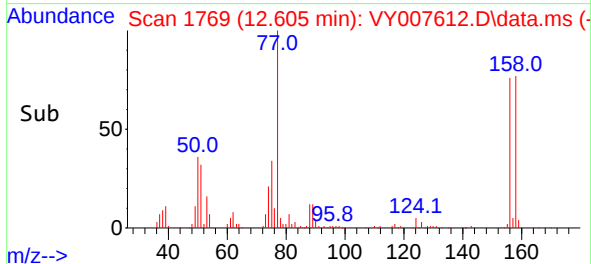
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



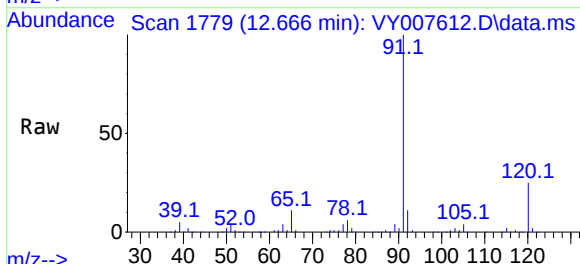
Tgt Ion:156 Resp: 52400
Ion Ratio Lower Upper
156 100
77 155.1 95.5 286.4
158 99.3 48.0 144.0

Manual Integrations
APPROVED

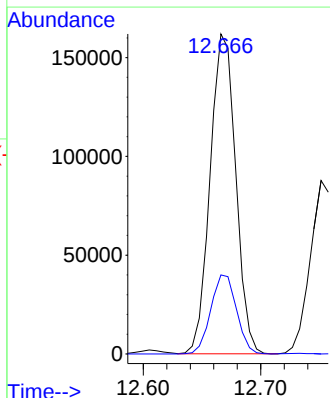
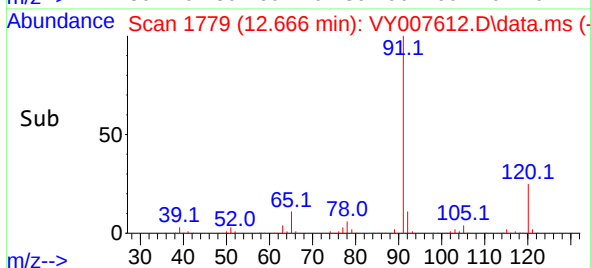
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

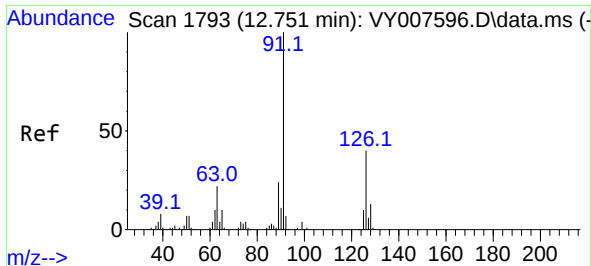


#78
n-propylbenzene
Concen: 48.094 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49



Tgt Ion: 91 Resp: 245332
Ion Ratio Lower Upper
91 100
120 24.8 11.3 33.9





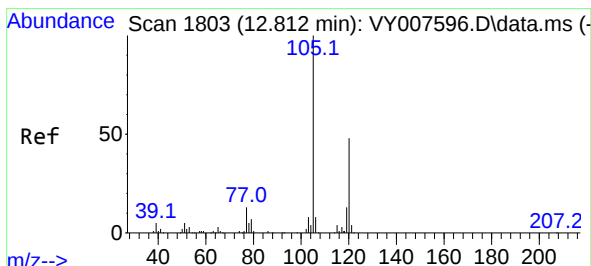
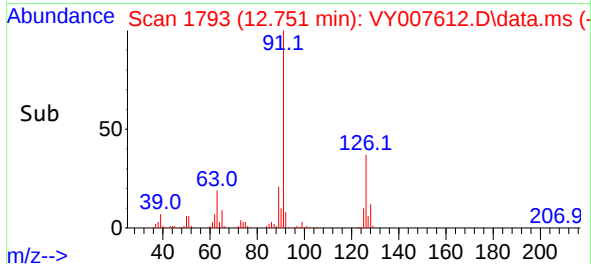
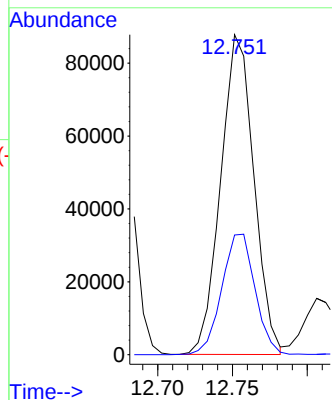
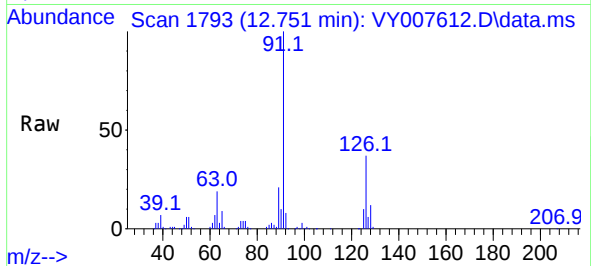
#79
2-Chlorotoluene
Concen: 47.772 ug/l
RT: 12.751 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 13566
Ion Ratio Lower Upper
91 100
126 37.9 16.9 50.6

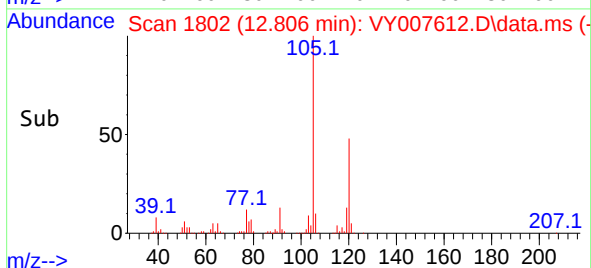
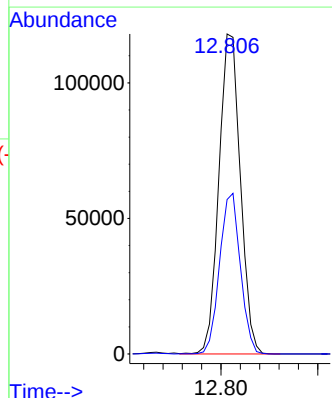
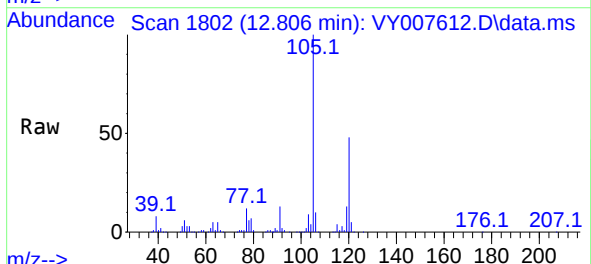
Manual Integrations
APPROVED

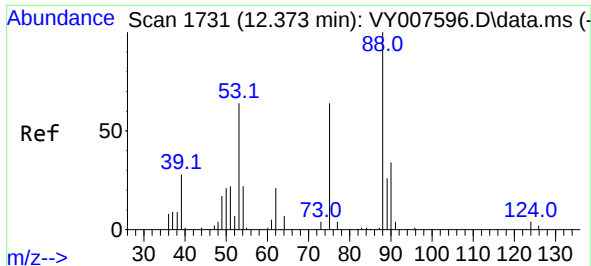
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#80
1,3,5-Trimethylbenzene
Concen: 48.291 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49

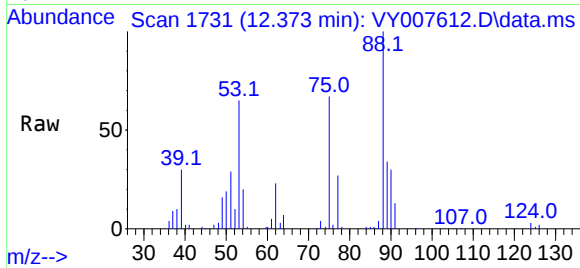
Tgt Ion:105 Resp: 181448
Ion Ratio Lower Upper
105 100
120 48.6 24.4 73.4





#81
trans-1,4-Dichloro-2-butene
Concen: 49.296 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49

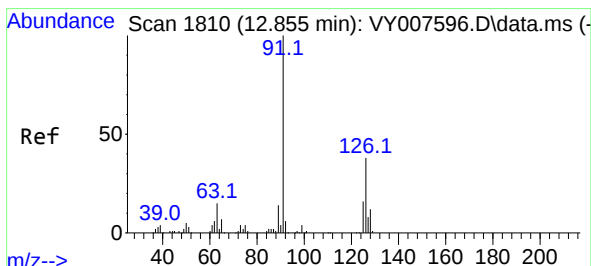
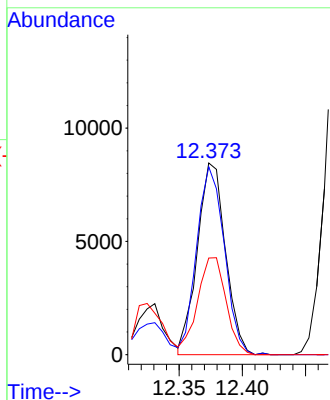
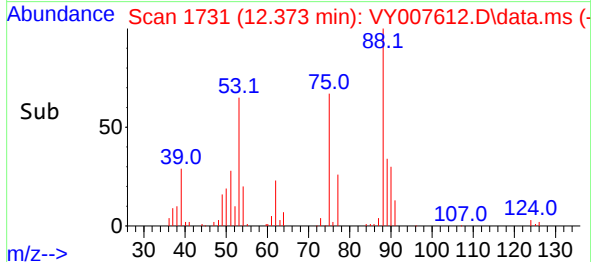
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



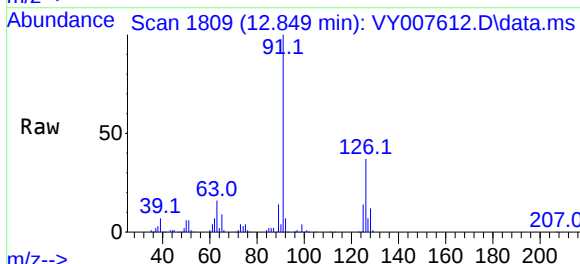
Tgt Ion: 75 Resp: 13148
Ion Ratio Lower Upper
75 100
53 96.1 85.3 127.9
89 51.2 37.0 55.4

Manual Integrations
APPROVED

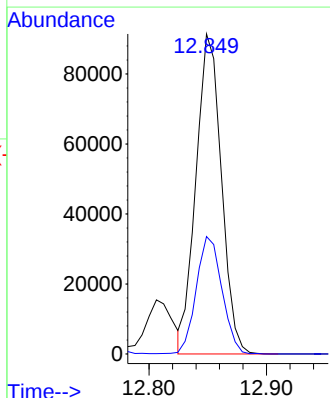
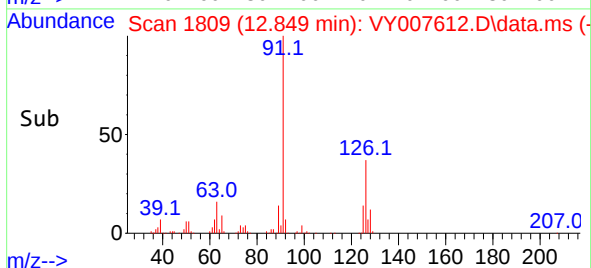
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

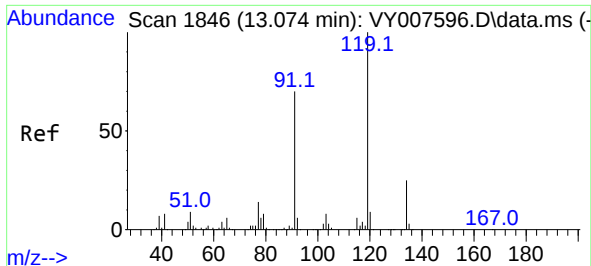


#82
4-Chlorotoluene
Concen: 47.431 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49



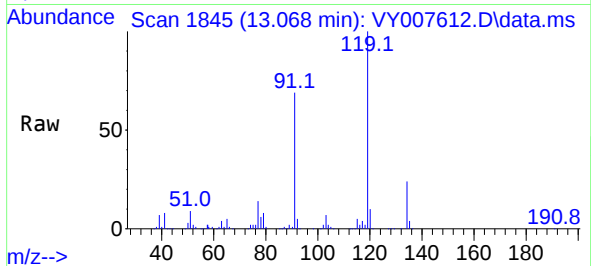
Tgt Ion: 91 Resp: 137361
Ion Ratio Lower Upper
91 100
126 37.1 17.0 51.0





#83
tert-Butylbenzene
Concen: 48.858 ug/l
RT: 13.068 min Scan# 1845
Delta R.T. -0.006 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49

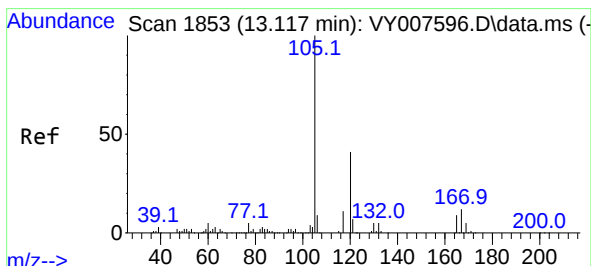
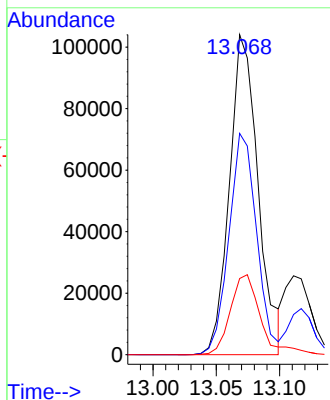
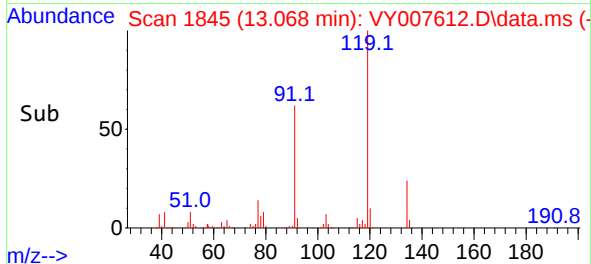
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



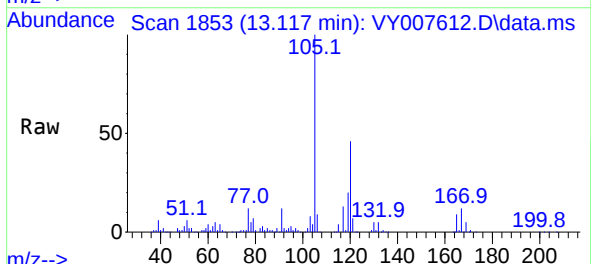
Tgt Ion:119 Resp: 16405
Ion Ratio Lower Upper
119 100
91 67.0 34.8 104.4
134 26.3 13.3 39.9

Manual Integrations
APPROVED

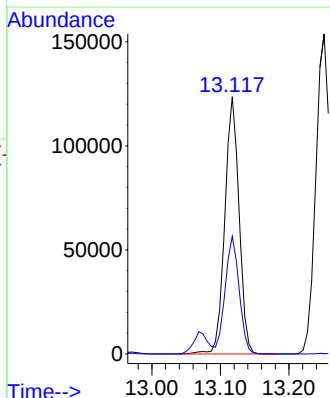
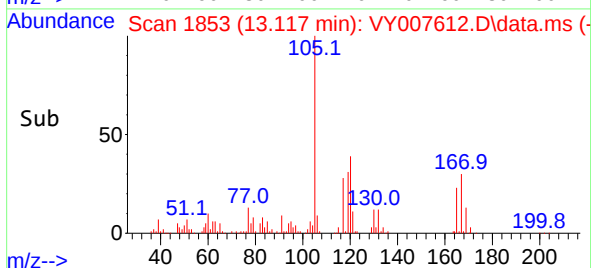
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

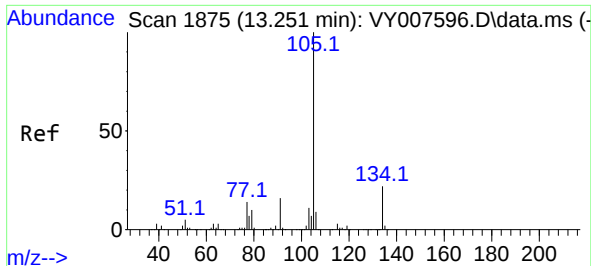


#84
1,2,4-Trimethylbenzene
Concen: 48.357 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49



Tgt Ion:105 Resp: 178088
Ion Ratio Lower Upper
105 100
120 44.7 22.3 66.9





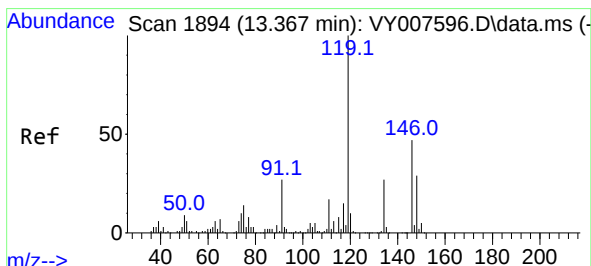
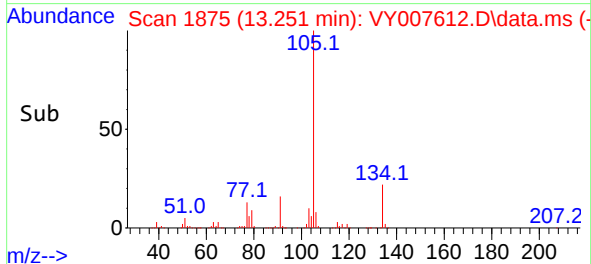
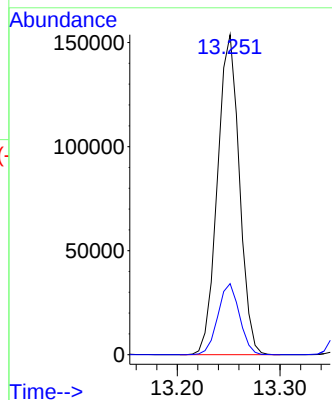
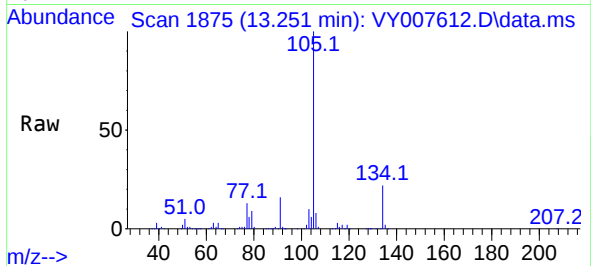
#85
 sec-Butylbenzene
 Concen: 47.839 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY007612.D
 Acq: 23 Feb 2022 20:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 22697
 Ion Ratio Lower Upper
 105 100
 134 21.9 10.2 30.4

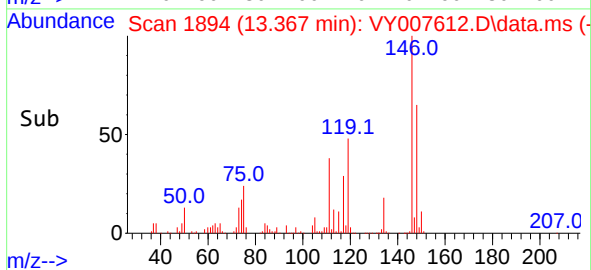
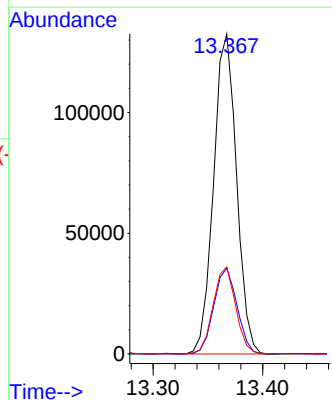
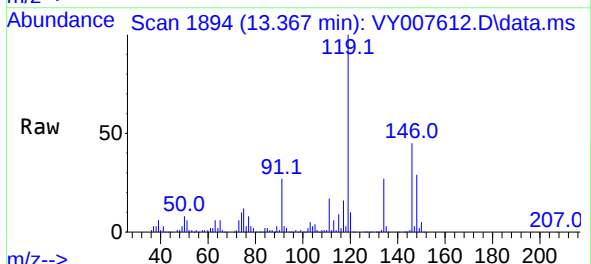
Manual Integrations
 APPROVED

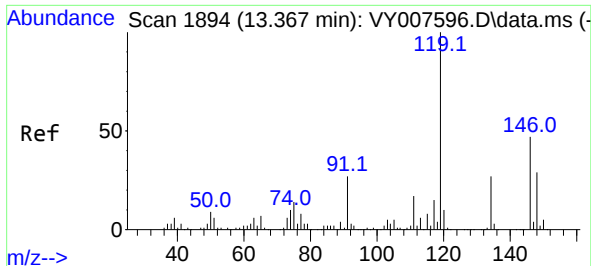
Reviewed By :John Carlone 02/24/2022
 Supervised By :Mahesh Dadoda 02/24/2022



#86
 p-Isopropyltoluene
 Concen: 47.199 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY007612.D
 Acq: 23 Feb 2022 20:49

Tgt Ion:119 Resp: 192451
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.2 39.5
 91 26.7 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 46.710 ug/l

RT: 13.361 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY007612.D

Acq: 23 Feb 2022 20:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 9990

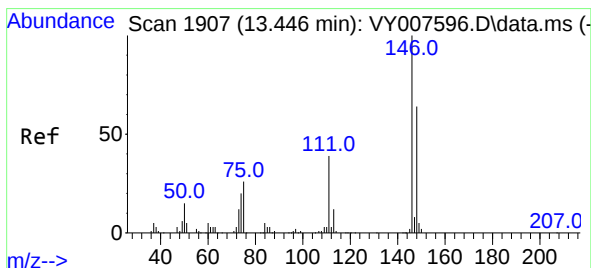
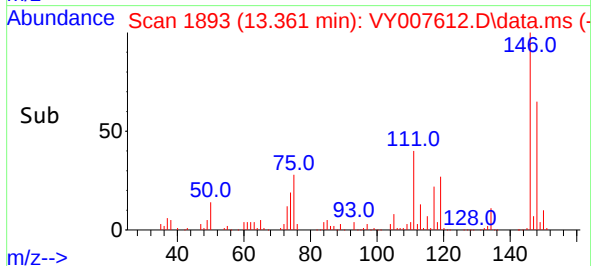
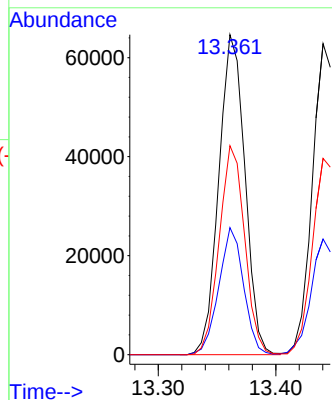
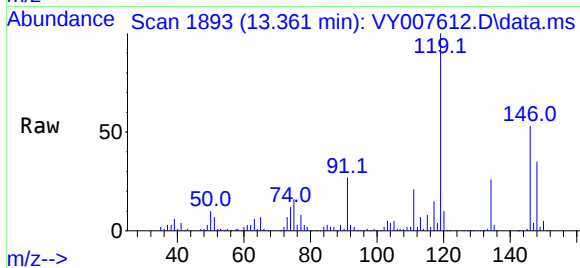
Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.5	58.5
148	63.8	31.6	95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#88

1,4-Dichlorobenzene

Concen: 46.198 ug/l

RT: 13.440 min Scan# 1906

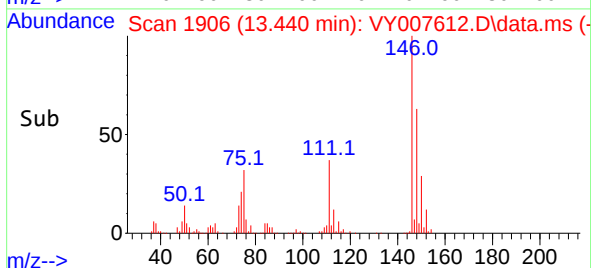
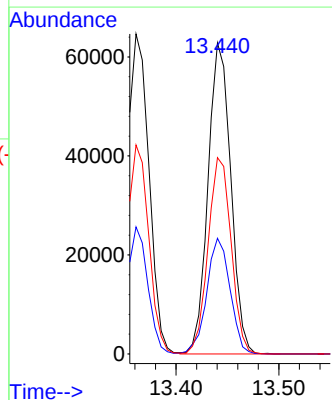
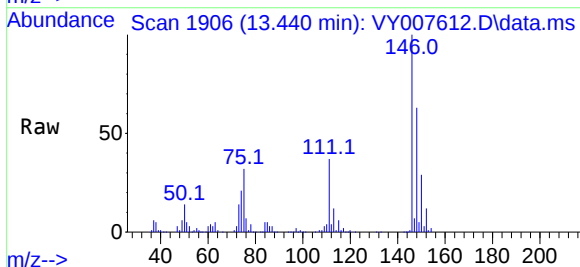
Delta R.T. -0.006 min

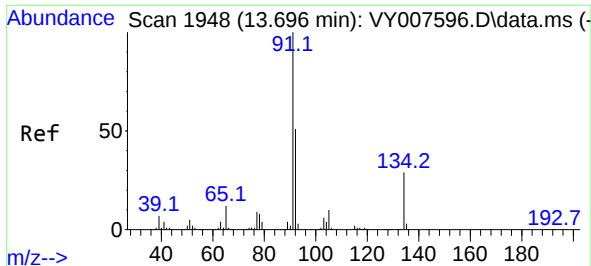
Lab File: VY007612.D

Acq: 23 Feb 2022 20:49

Tgt Ion:146 Resp: 96739

Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.3	57.8
148	64.0	32.6	97.8





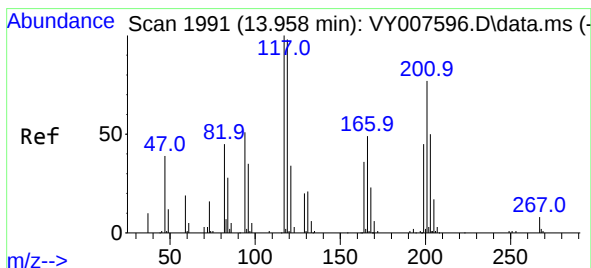
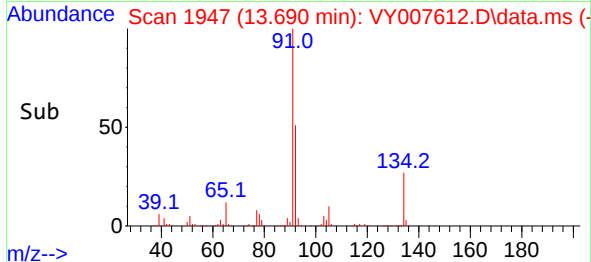
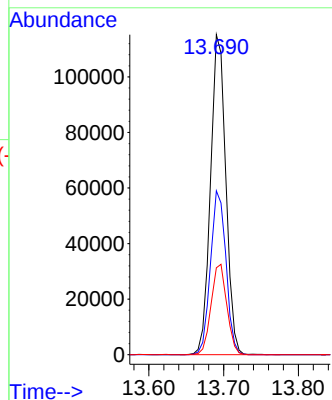
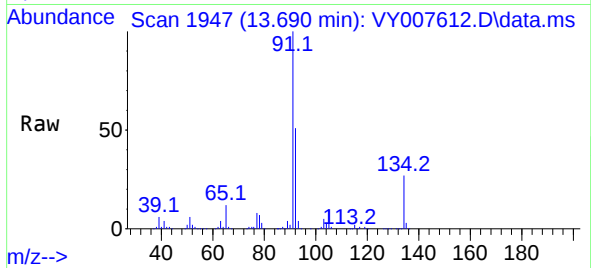
#89
n-Butylbenzene
Concen: 44.728 ug/l
RT: 13.690 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 16420
Ion Ratio Lower Upper
91 100
92 51.8 26.3 78.9
134 29.1 13.0 38.9

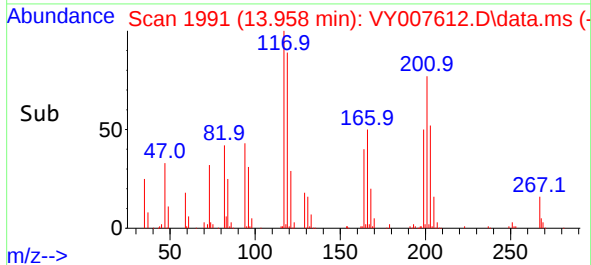
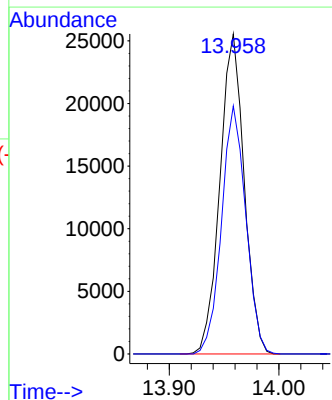
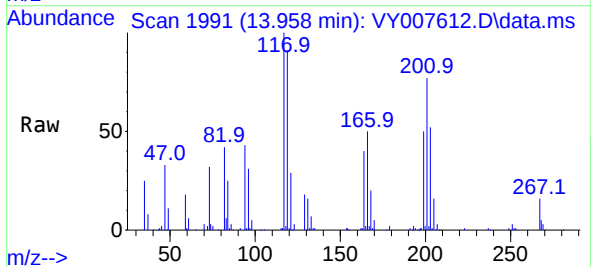
Manual Integrations
APPROVED

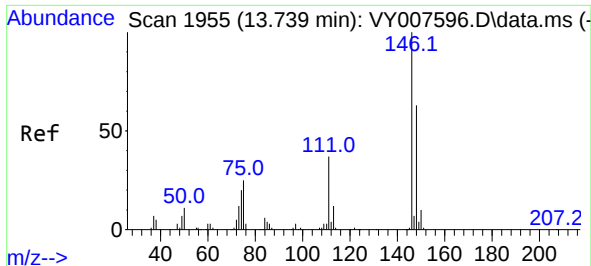
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#90
Hexachloroethane
Concen: 47.814 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49

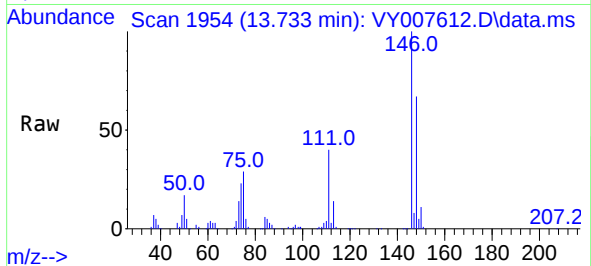
Tgt Ion:117 Resp: 39297
Ion Ratio Lower Upper
117 100
201 77.4 43.0 128.8





#91
1,2-Dichlorobenzene
Concen: 46.872 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. -0.006 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49

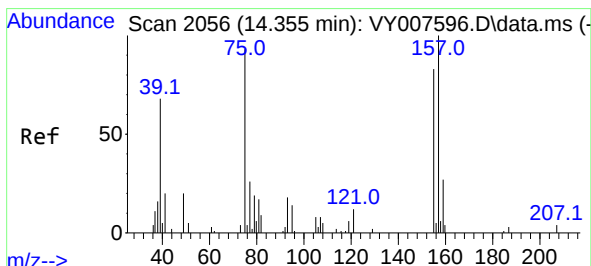
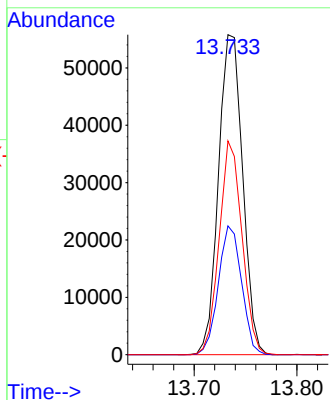
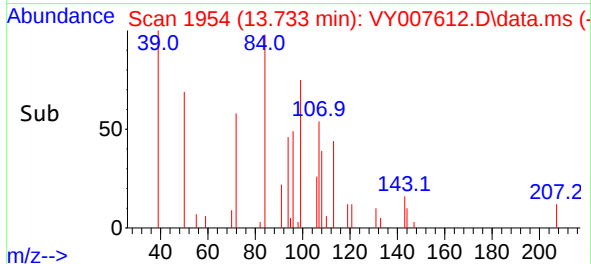
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



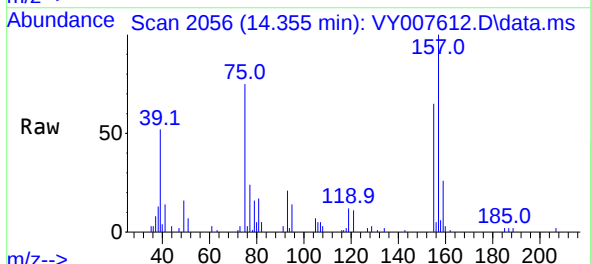
Tgt Ion:146 Resp: 9107
Ion Ratio Lower Upper
146 100
111 38.6 20.3 60.9
148 63.1 32.3 96.9

Manual Integrations
APPROVED

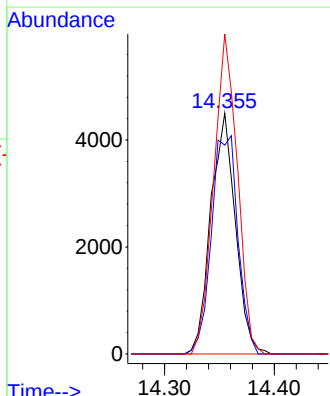
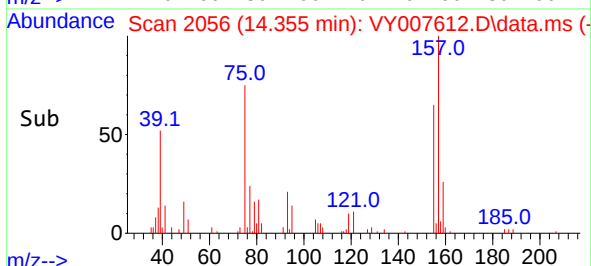
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

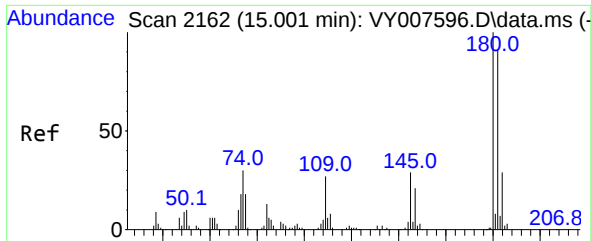


#92
1,2-Dibromo-3-Chloropropane
Concen: 43.724 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49



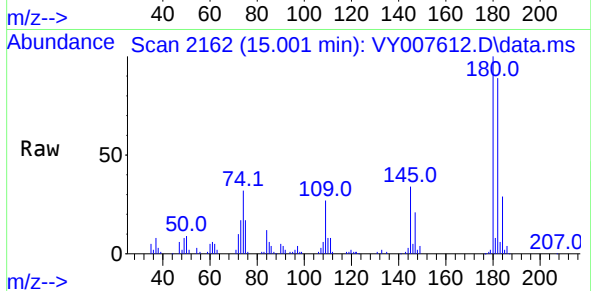
Tgt Ion: 75 Resp: 7043
Ion Ratio Lower Upper
75 100
155 97.4 38.0 113.9
157 127.6 47.8 143.3





#93
1,2,4-Trichlorobenzene
Concen: 41.042 ug/l
RT: 15.001 min Scan# 2162
Delta R.T. -0.000 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49

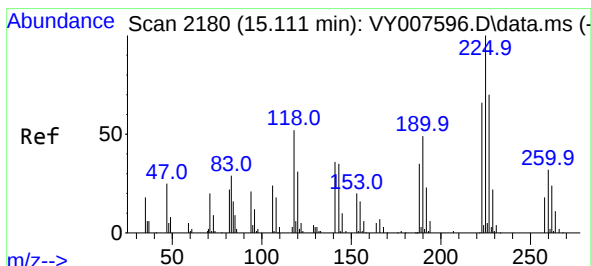
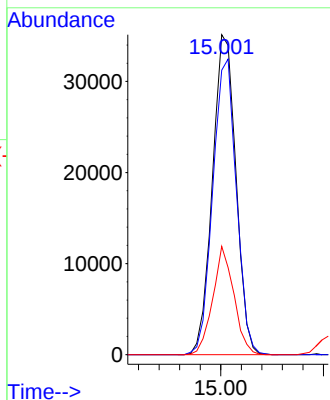
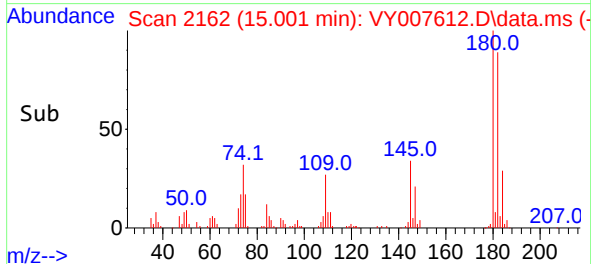
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



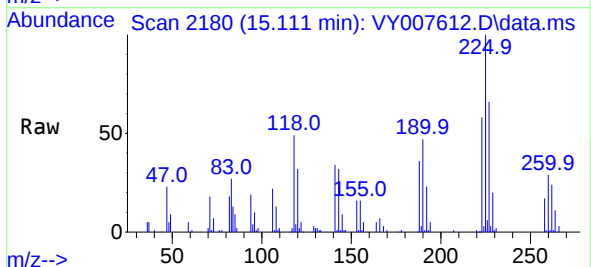
Tgt Ion:180 Resp: 5560
Ion Ratio Lower Upper
180 100
182 92.8 47.3 141.9
145 30.5 14.6 43.8

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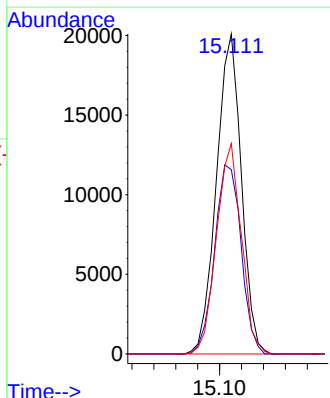
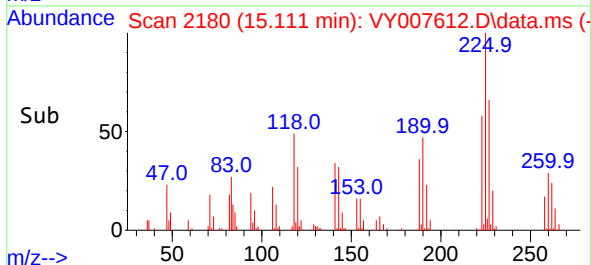
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

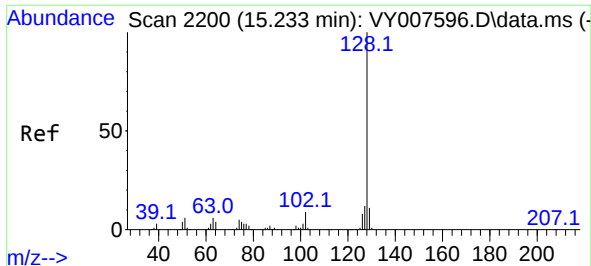


#94
Hexachlorobutadiene
Concen: 42.247 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49



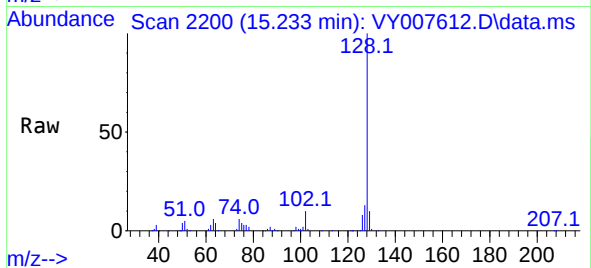
Tgt Ion:225 Resp: 31757
Ion Ratio Lower Upper
225 100
223 62.8 30.8 92.3
227 65.4 31.6 94.7





#95
Naphthalene
Concen: 42.964 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49

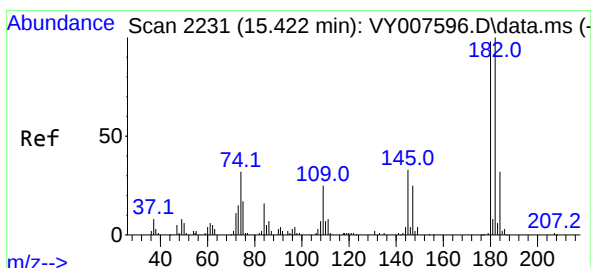
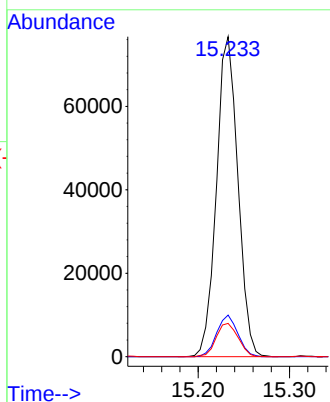
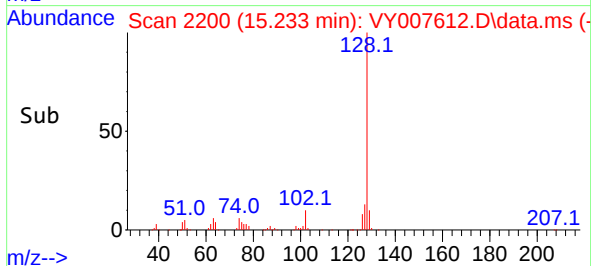
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



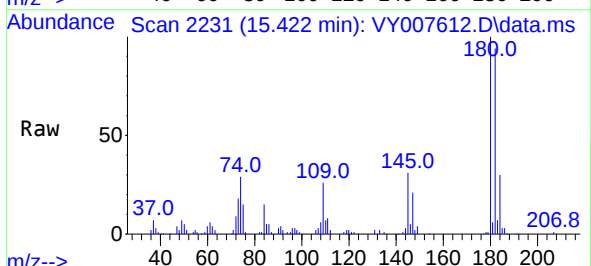
Tgt Ion:128 Resp: 124932
Ion Ratio Lower Upper
128 100
127 12.8 11.0 16.4
129 10.7 8.4 12.6

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 41.524 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY007612.D
Acq: 23 Feb 2022 20:49



Tgt Ion:180 Resp: 48601
Ion Ratio Lower Upper
180 100
182 95.0 47.3 141.9
145 33.1 15.3 45.9

