

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012122\
 Data File : VY007262.D
 Acq On : 21 Jan 2022 18:49
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/24/2022
 Supervised By : Mahesh Dadoda 01/24/2022

Quant Time: Jan 22 00:25:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	100911	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	172678	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	154157	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	68694	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	60579	48.925	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.860%		
35) Dibromofluoromethane	7.722	113	57094	48.898	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.800%		
50) Toluene-d8	10.185	98	201144	47.146	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	94.300%		
62) 4-Bromofluorobenzene	12.483	95	70339	46.348	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	92.700%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.924	85	14522	41.042	ug/l	99
3) Chloromethane	2.119	50	32076	43.228	ug/l	100
4) Vinyl Chloride	2.259	62	52079	48.223	ug/l	98
5) Bromomethane	2.668	94	36259	51.850	ug/l	94
6) Chloroethane	2.808	64	34214	50.776	ug/l	100
7) Trichlorofluoromethane	3.131	101	55658	47.821	ug/l	94
8) Diethyl Ether	3.534	74	31550	49.227	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.912	101	53747	47.397	ug/l	98
10) Methyl Iodide	4.094	142	81495	48.590	ug/l	97
11) Tert butyl alcohol	4.972	59	24967	236.218	ug/l	99
12) 1,1-Dichloroethene	3.881	96	53585	46.927	ug/l	99
13) Acrolein	3.741	56	4264	162.401	ug/l	93
14) Allyl chloride	4.485	41	87811	47.960	ug/l	96
15) Acrylonitrile	5.167	53	79863	259.275	ug/l	97
16) Acetone	3.954	43	79256	246.641	ug/l	99
17) Carbon Disulfide	4.204	76	145937	46.022	ug/l	99
18) Methyl Acetate	4.485	43	55205	48.281	ug/l	96
19) Methyl tert-butyl Ether	5.228	73	118503	52.715	ug/l	97
20) Methylene Chloride	4.722	84	63147	47.523	ug/l	99
21) trans-1,2-Dichloroethene	5.228	96	58713	47.428	ug/l	99
22) Diisopropyl ether	6.125	45	186636	50.317	ug/l	96
23) Vinyl Acetate	6.064	43	572060	262.251	ug/l	99
24) 1,1-Dichloroethane	6.027	63	111318	49.335	ug/l	99
25) 2-Butanone	6.996	43	106999	257.541	ug/l	99
26) 2,2-Dichloropropane	6.990	77	80682	49.064	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	68686	48.912	ug/l	99
28) Bromochloromethane	7.344	49	44251	54.218	ug/l	94
29) Tetrahydrofuran	7.350	42	69080	258.659	ug/l	98
30) Chloroform	7.515	83	119342	50.905	ug/l	100
31) Cyclohexane	7.789	56	93688	44.756	ug/l	99
32) 1,1,1-Trichloroethane	7.710	97	99107	49.459	ug/l	99
36) 1,1-Dichloropropene	7.923	75	87576	46.962	ug/l	99
37) Ethyl Acetate	7.076	43	50368	52.630	ug/l	96
38) Carbon Tetrachloride	7.911	117	92365	47.089	ug/l	97
39) Methylcyclohexane	9.191	83	104535	45.911	ug/l	99
40) Benzene	8.167	78	237053	47.655	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	25357m	46.010	ug/l	
42) 1,2-Dichloroethane	8.240	62	76868	49.072	ug/l	100
43) Isopropyl Acetate	8.277	43	95454	51.259	ug/l	97
44) Trichloroethene	8.941	130	63688	47.313	ug/l	98
45) 1,2-Dichloropropane	9.222	63	60760	48.032	ug/l	97
46) Dibromomethane	9.307	93	37013	49.479	ug/l	96
47) Bromodichloromethane	9.502	83	90852	49.404	ug/l	100
48) Methyl methacrylate	9.295	41	41298	48.758	ug/l	96
49) 1,4-Dioxane	9.313	88	8151	1010.588	ug/l	97
51) 4-Methyl-2-Pentanone	10.075	43	247414	262.032	ug/l	97
52) Toluene	10.246	92	151433	48.027	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	95189	49.035	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	105283	48.451	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	49840	49.120	ug/l	98
56) Ethyl methacrylate	10.514	69	71189	49.802	ug/l	93
57) 1,3-Dichloropropane	10.794	76	87976	49.743	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	151402	232.930	ug/l	99
59) 2-Hexanone	10.837	43	169323	264.237	ug/l	95
60) Dibromochloromethane	10.990	129	61861	49.595	ug/l	100
61) 1,2-Dibromoethane	11.093	107	49330	49.488	ug/l	99
64) Tetrachloroethene	10.721	164	52174	46.955	ug/l	96
65) Chlorobenzene	11.520	112	160193	47.525	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	60673	48.558	ug/l	98
67) Ethyl Benzene	11.593	91	300850	47.488	ug/l	100
68) m/p-Xylenes	11.703	106	222330	94.435	ug/l	100
69) o-Xylene	12.032	106	104706	47.226	ug/l	99
70) Styrene	12.044	104	180809	48.342	ug/l	99
71) Bromoform	12.209	173	35630	49.298	ug/l #	99
73) Isopropylbenzene	12.331	105	280967	47.355	ug/l	99
74) N-amyl acetate	12.148	43	79539	50.132	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	57489	49.829	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	39390m	50.288	ug/l	
77) Bromobenzene	12.611	156	63453	49.150	ug/l	98
78) n-propylbenzene	12.672	91	346963	47.174	ug/l	99
79) 2-Chlorotoluene	12.758	91	193358	47.283	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	230194	47.252	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	21790	50.928	ug/l #	98
82) 4-Chlorotoluene	12.855	91	198409	46.512	ug/l	99
83) tert-Butylbenzene	13.075	119	204229	48.517	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	226070	46.817	ug/l	99
85) sec-Butylbenzene	13.257	105	296492	47.081	ug/l	99
86) p-Isopropyltoluene	13.373	119	239697	46.317	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	118772	47.002	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	119046	46.851	ug/l	98
89) n-Butylbenzene	13.696	91	235291	46.175	ug/l	98
90) Hexachloroethane	13.965	117	48935	48.367	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	104152	46.324	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9403	47.189	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	62044	45.378	ug/l	98
94) Hexachlorobutadiene	15.117	225	31477	44.670	ug/l	98
95) Naphthalene	15.239	128	137622	47.391	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	51805	44.412	ug/l	97

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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

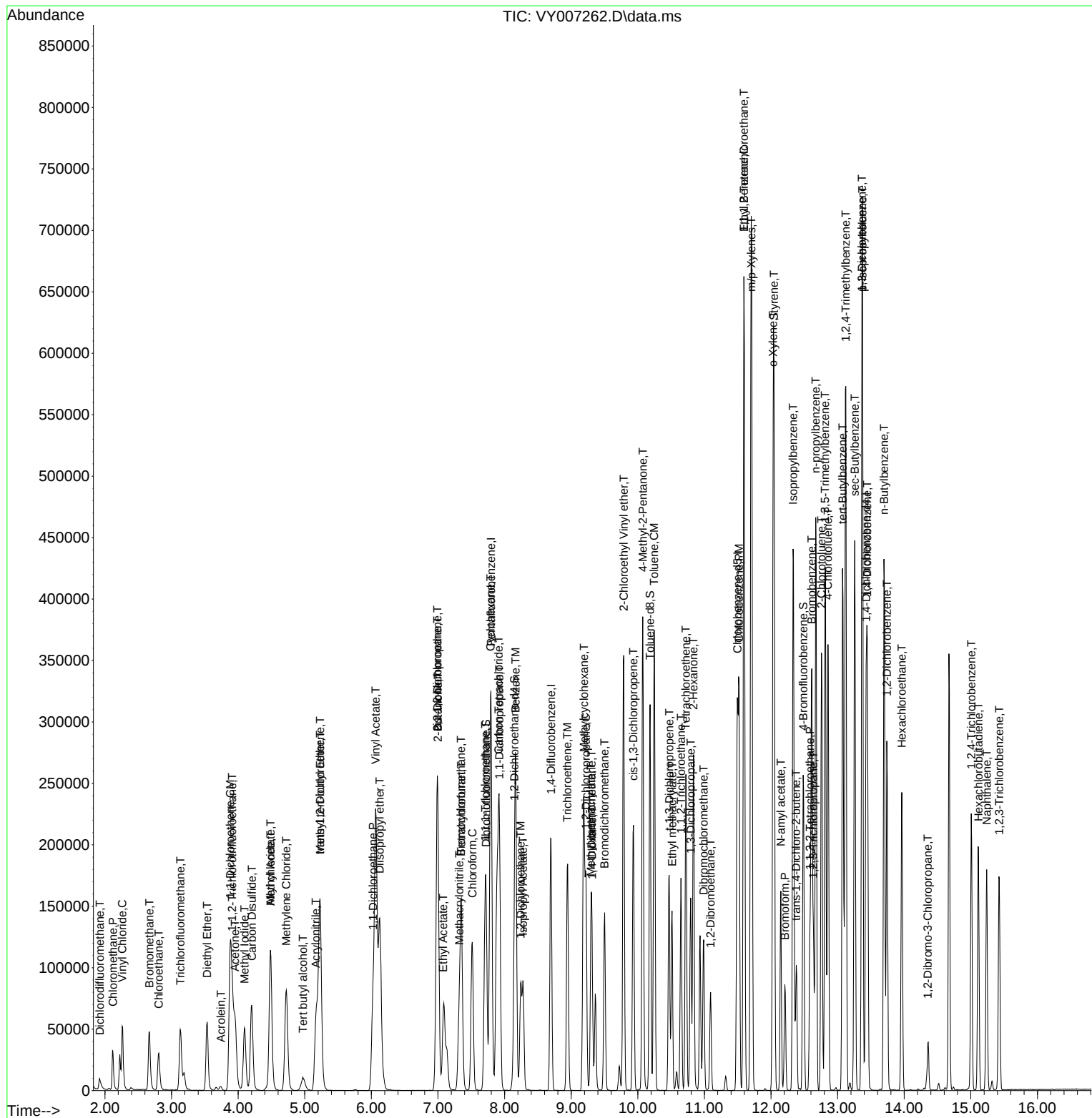
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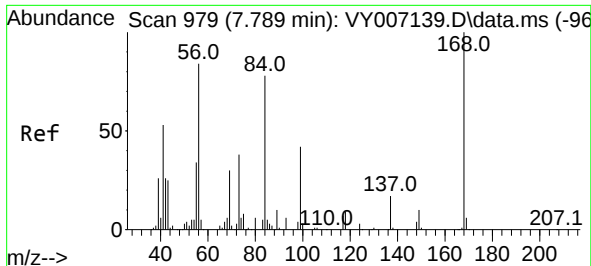
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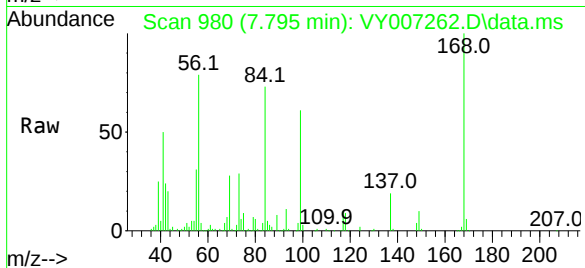
Reviewed By : John Carlone 01/24/2022
 Supervised By : Mahesh Dadoda 01/24/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007262.D
Acq: 21 Jan 2022 18:49

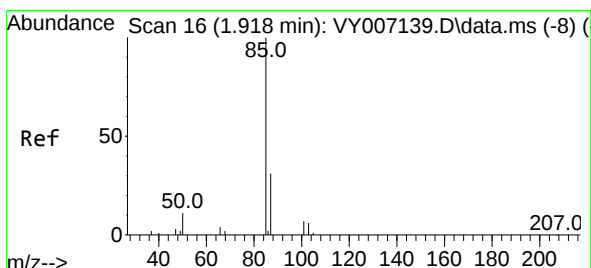
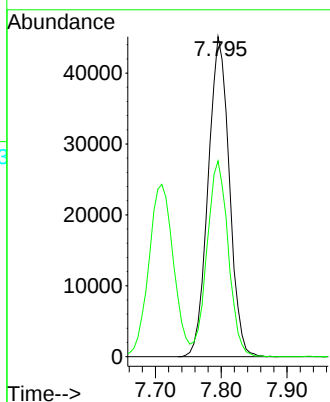
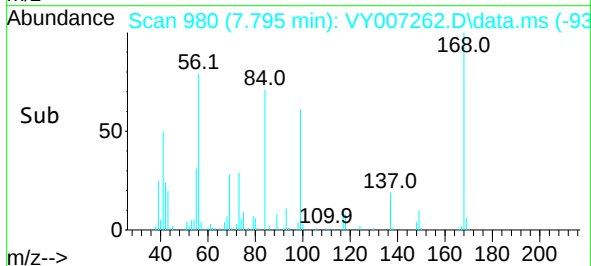
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 10091
Ion Ratio Lower Upper
168 100
99 61.1 49.1 73.7

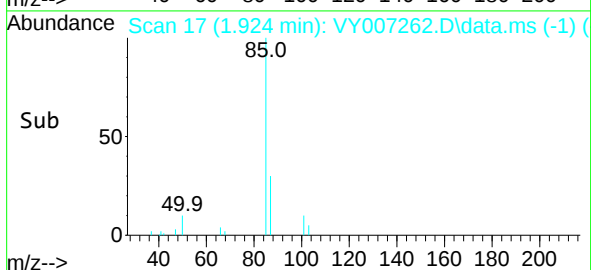
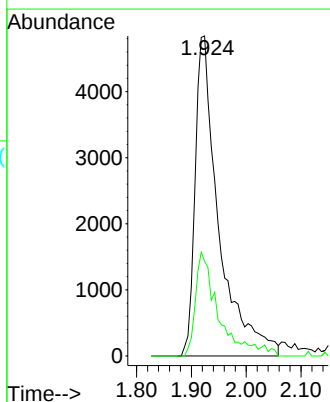
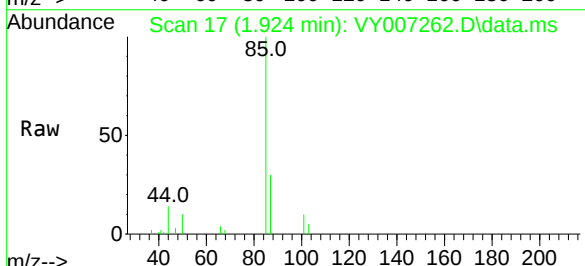
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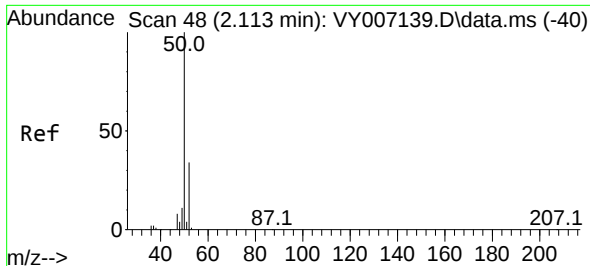
Reviewed By :John Carlone 01/24/2022
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#2
Dichlorodifluoromethane
Concen: 41.042 ug/l
RT: 1.924 min Scan# 17
Delta R.T. 0.006 min
Lab File: VY007262.D
Acq: 21 Jan 2022 18:49

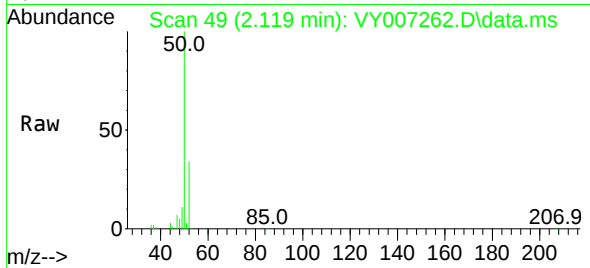
Tgt Ion: 85 Resp: 14522
Ion Ratio Lower Upper
85 100
87 29.6 15.2 45.6





#3
Chloromethane
Concen: 43.228 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY007262.D
Acq: 21 Jan 2022 18:49

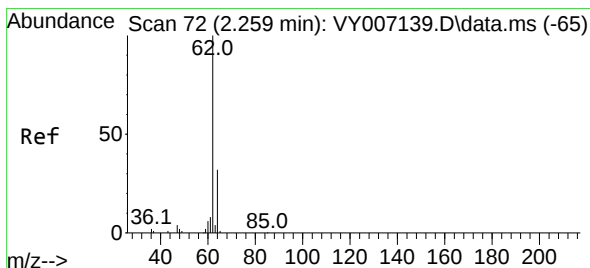
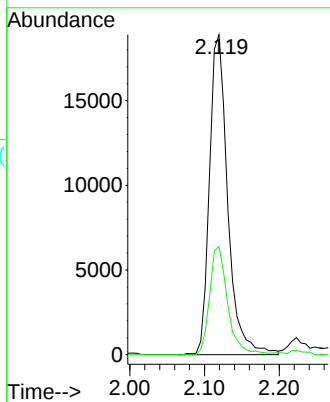
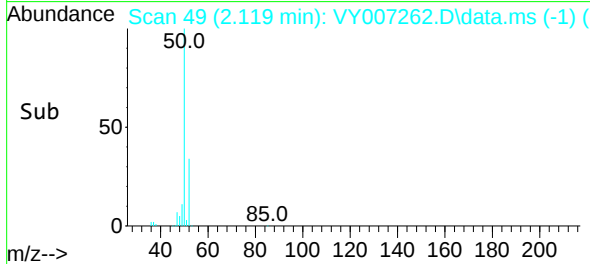
Instrument :
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VSTDCCC050EC



Tgt Ion: 50 Resp: 32070
Ion Ratio Lower Upper
50 100
52 33.8 27.1 40.7

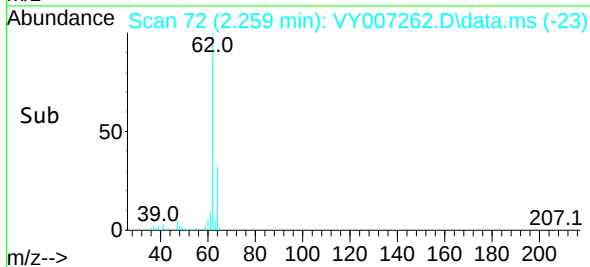
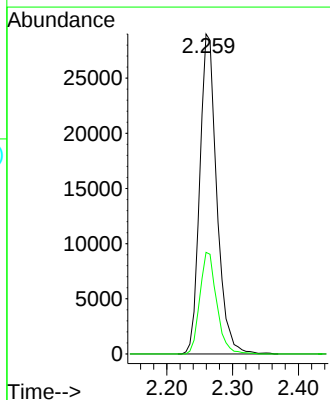
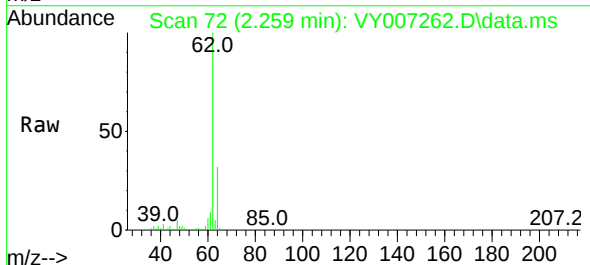
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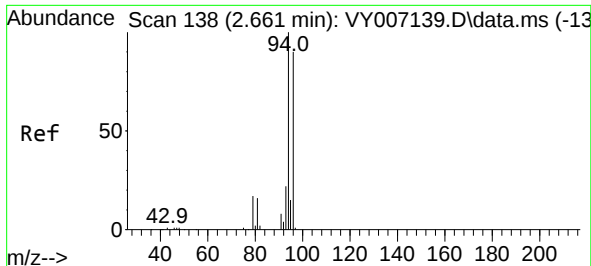
Reviewed By :John Carlone 01/24/2022
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#4
Vinyl Chloride
Concen: 48.223 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.000 min
Lab File: VY007262.D
Acq: 21 Jan 2022 18:49

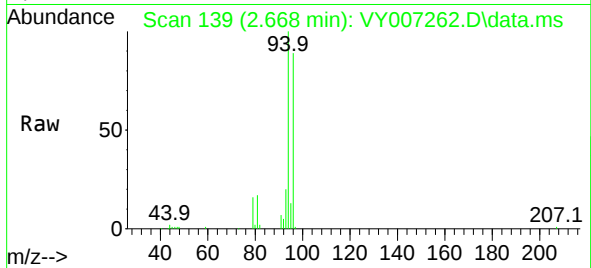
Tgt Ion: 62 Resp: 52079
Ion Ratio Lower Upper
62 100
64 31.7 26.1 39.1





#5
Bromomethane
Concen: 51.850 ug/l
RT: 2.668 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007262.D
Acq: 21 Jan 2022 18:49

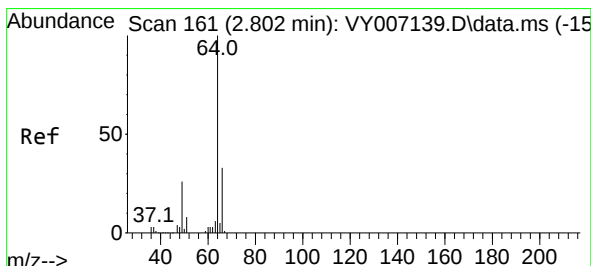
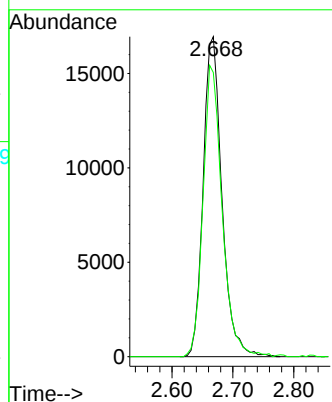
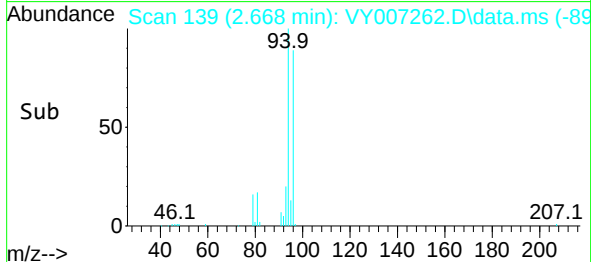
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Tgt Ion: 94 Resp: 3625
Ion Ratio Lower Upper
94 100
96 88.8 75.8 113.6

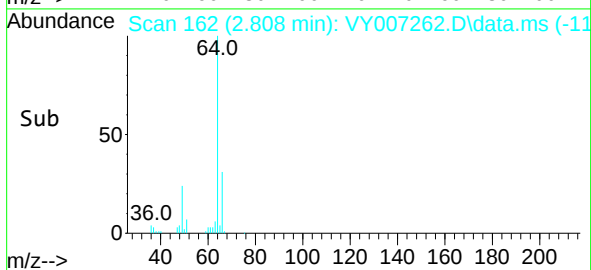
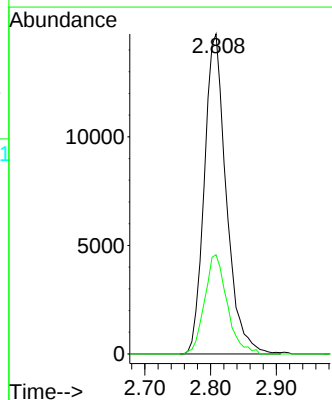
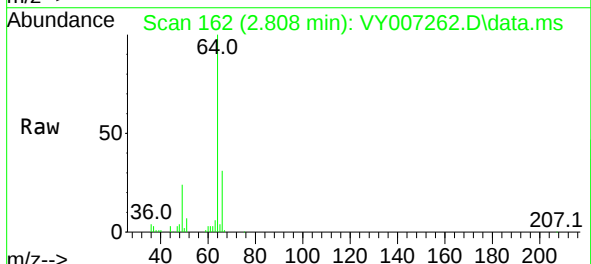
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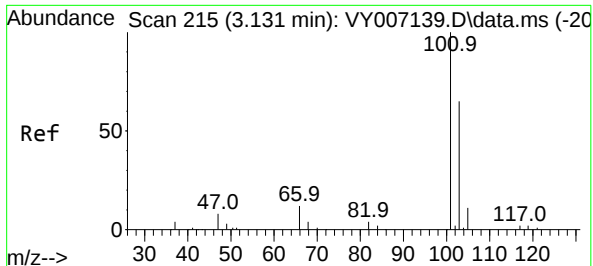
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#6
Chloroethane
Concen: 50.776 ug/l
RT: 2.808 min Scan# 162
Delta R.T. 0.006 min
Lab File: VY007262.D
Acq: 21 Jan 2022 18:49

Tgt Ion: 64 Resp: 34214
Ion Ratio Lower Upper
64 100
66 31.0 24.8 37.2





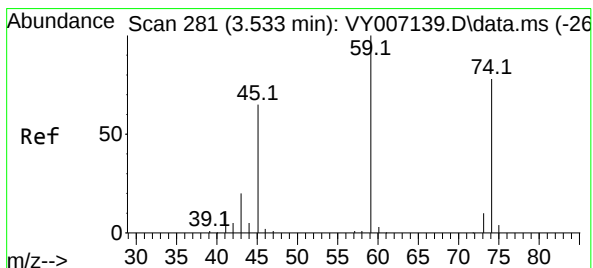
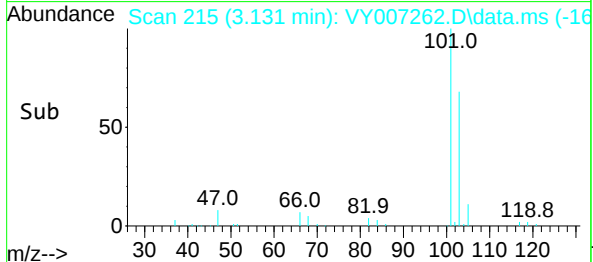
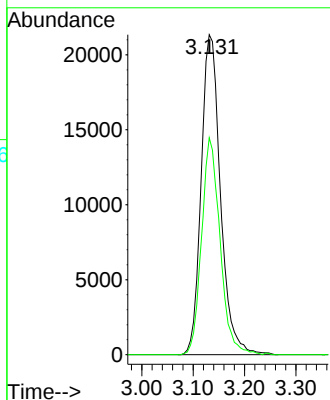
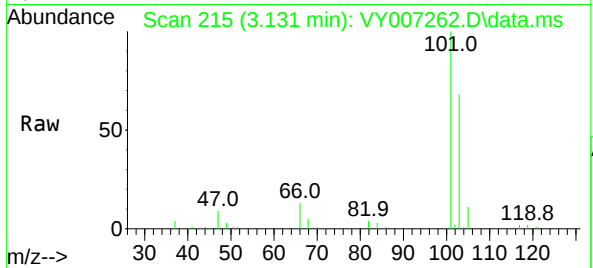
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 Trichlorofluoromethane
 Concen: 47.821 ug/l
 RT: 3.131 min Scan# 215
 Delta R.T. 0.000 min
 Lab File: VY007262.D
 Acq: 21 Jan 2022 18:49

Instrument :
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 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:101 Resp: 55658
 Ion Ratio Lower Upper
 101 100
 103 67.8 50.6 76.0

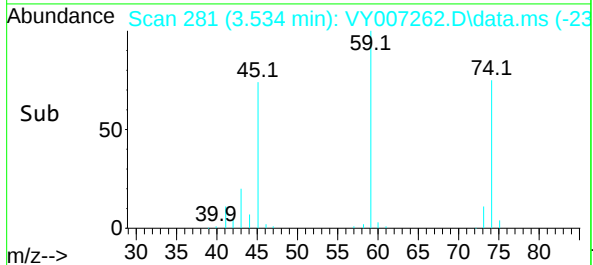
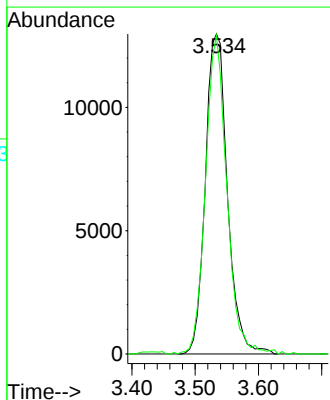
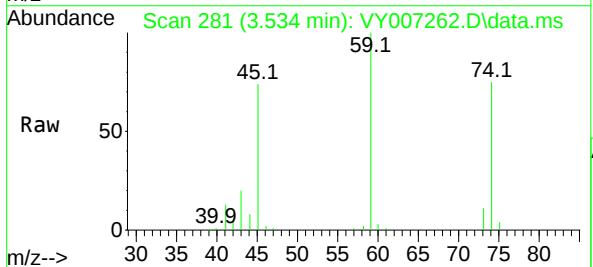
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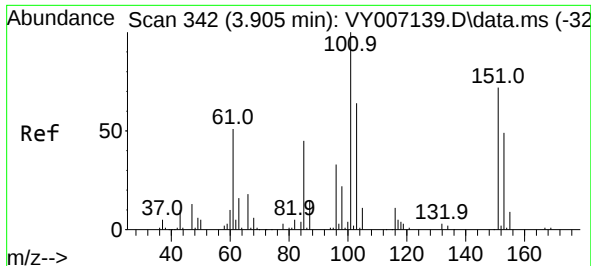
Reviewed By :John Carlone 01/24/2022
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#8
 Diethyl Ether
 Concen: 49.227 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.000 min
 Lab File: VY007262.D
 Acq: 21 Jan 2022 18:49

Tgt Ion: 74 Resp: 31550
 Ion Ratio Lower Upper
 74 100
 45 96.2 46.1 138.3





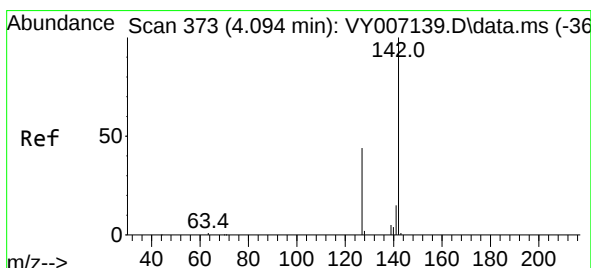
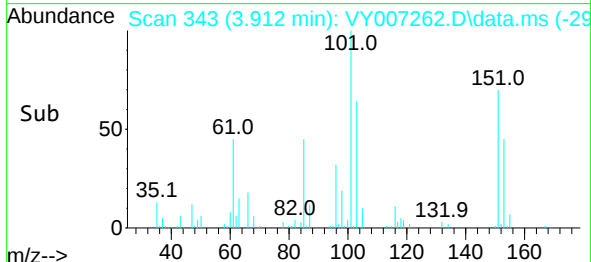
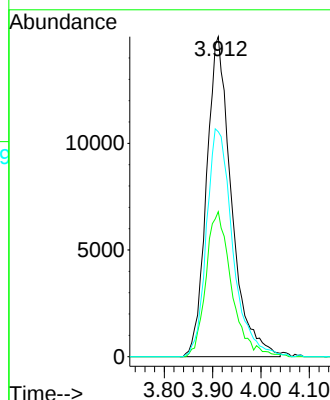
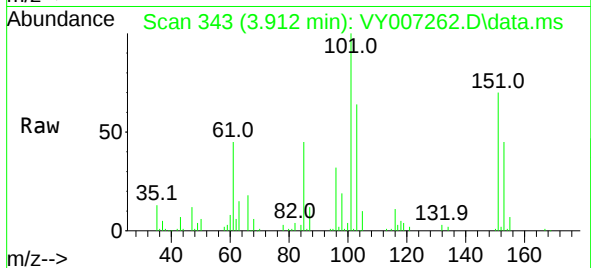
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.397 ug/l
RT: 3.912 min Scan# 342
Delta R.T. 0.006 min
Lab File: VY007262.D
Acq: 21 Jan 2022 18:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 5374
Ion Ratio Lower Upper
101 100
85 46.6 35.4 53.0
151 74.8 60.4 90.6

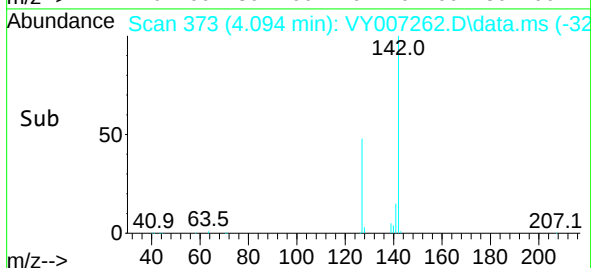
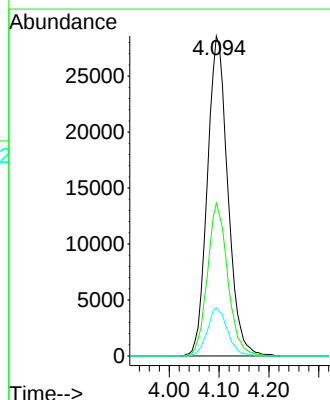
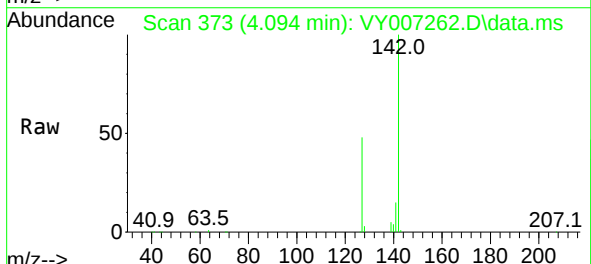
Manual Integrations
APPROVED

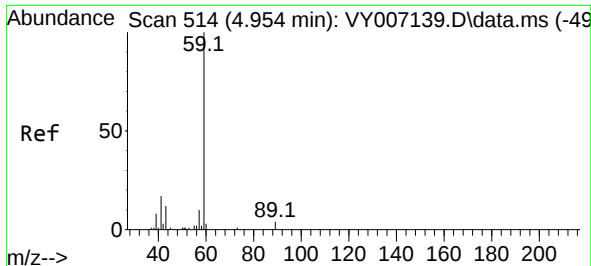
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#10
Methyl Iodide
Concen: 48.590 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.000 min
Lab File: VY007262.D
Acq: 21 Jan 2022 18:49

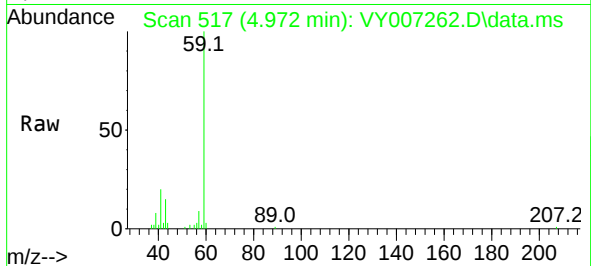
Tgt Ion:142 Resp: 81495
Ion Ratio Lower Upper
142 100
127 47.3 36.2 54.4
141 14.8 11.5 17.3





#11
Tert butyl alcohol
Concen: 236.218 ug/l
RT: 4.972 min Scan# 514
Delta R.T. 0.018 min
Lab File: VY007262.D
Acq: 21 Jan 2022 18:49

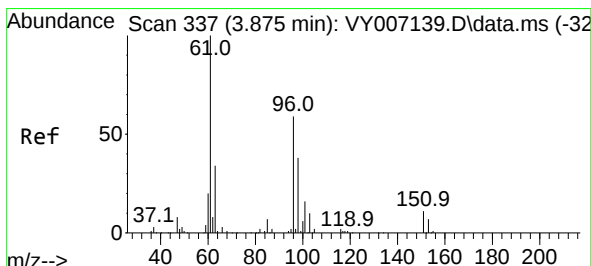
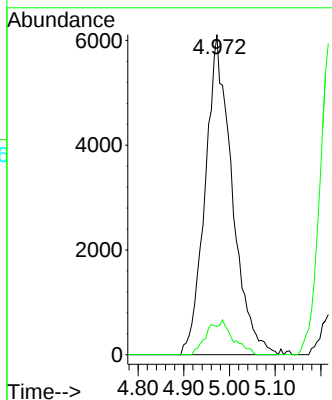
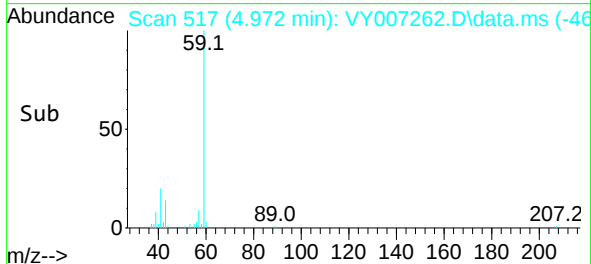
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



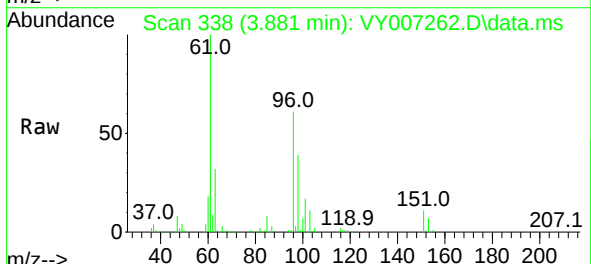
Tgt Ion: 59 Resp: 2496
Ion Ratio Lower Upper
59 100
57 10.4 8.1 12.1

Manual Integrations
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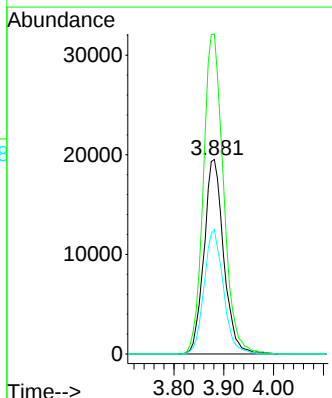
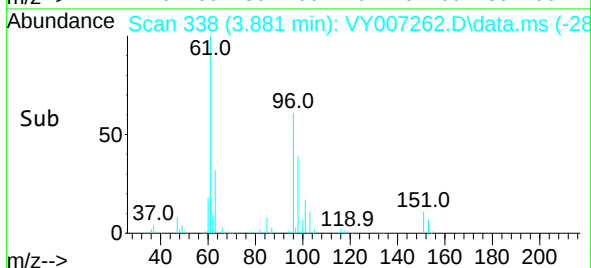
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022

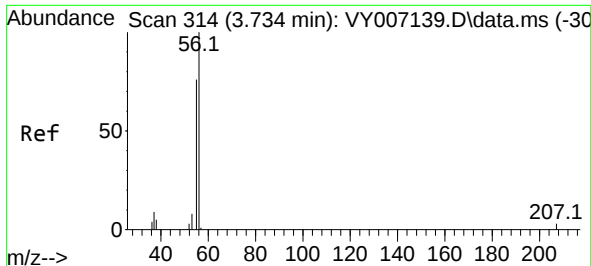


#12
1,1-Dichloroethene
Concen: 46.927 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.006 min
Lab File: VY007262.D
Acq: 21 Jan 2022 18:49



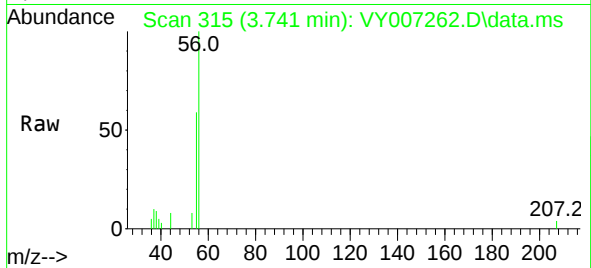
Tgt Ion: 96 Resp: 53585
Ion Ratio Lower Upper
96 100
61 164.6 131.9 197.9
98 63.9 52.7 79.1





#13
Acrolein
Concen: 162.401 ug/l
RT: 3.741 min Scan# 314
Delta R.T. 0.007 min
Lab File: VY007262.D
Acq: 21 Jan 2022 18:49

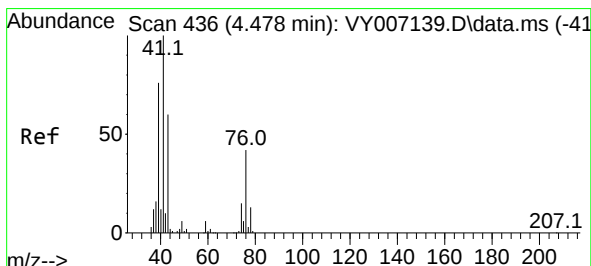
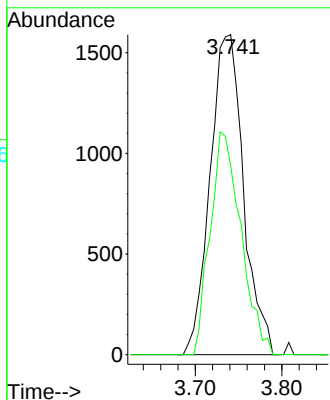
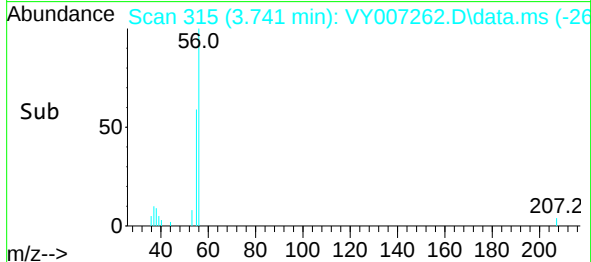
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



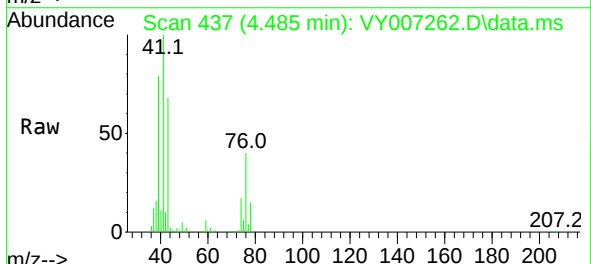
Tgt Ion: 56 Resp: 4264
Ion Ratio Lower Upper
56 100
55 64.1 55.7 83.5

Manual Integrations
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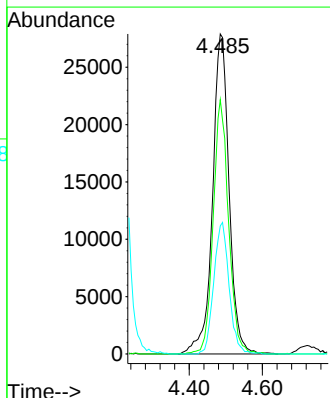
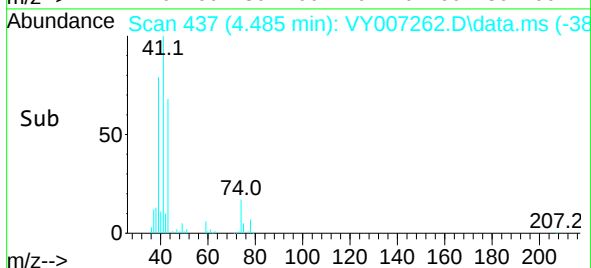
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022

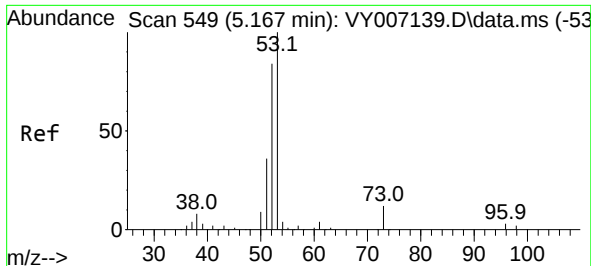


#14
Allyl chloride
Concen: 47.960 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY007262.D
Acq: 21 Jan 2022 18:49



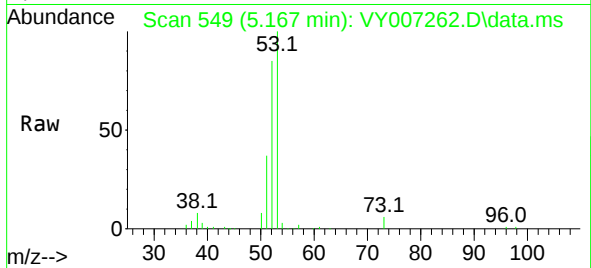
Tgt Ion: 41 Resp: 87811
Ion Ratio Lower Upper
41 100
39 73.9 56.1 84.1
76 38.0 31.4 47.2





#15
Acrylonitrile
Concen: 259.275 ug/l
RT: 5.167 min Scan# 549
Delta R.T. 0.000 min
Lab File: VY007262.D
Acq: 21 Jan 2022 18:49

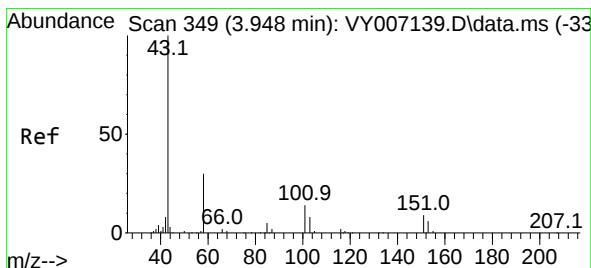
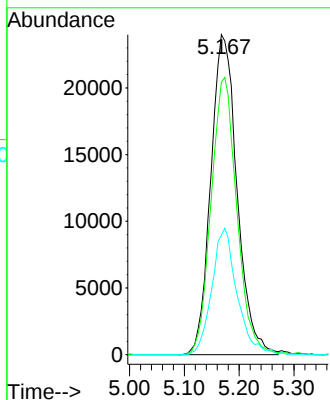
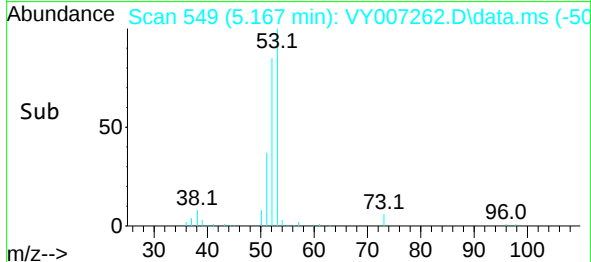
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



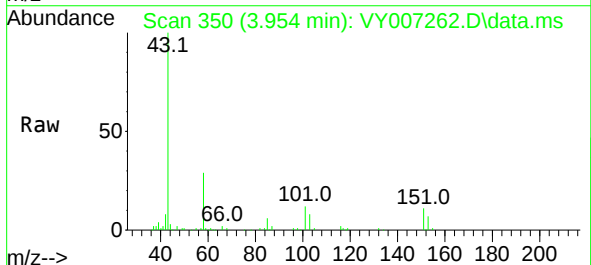
Tgt Ion: 53 Resp: 7986
Ion Ratio Lower Upper
53 100
52 84.9 65.4 98.2
51 37.9 29.4 44.2

Manual Integrations
APPROVED

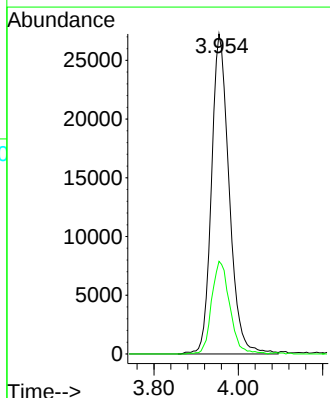
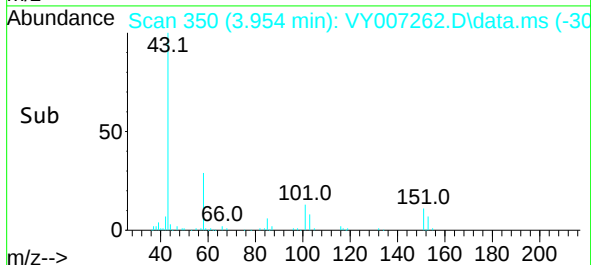
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022

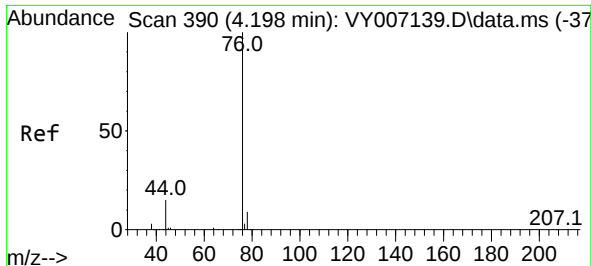


#16
Acetone
Concen: 246.641 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY007262.D
Acq: 21 Jan 2022 18:49



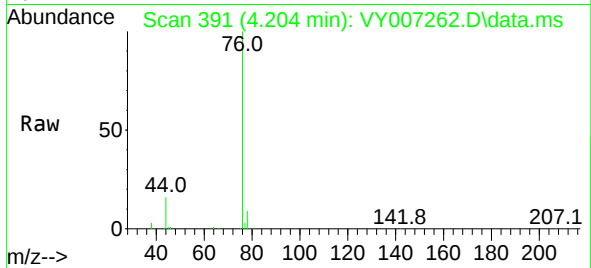
Tgt Ion: 43 Resp: 79256
Ion Ratio Lower Upper
43 100
58 29.0 23.8 35.6





#17
Carbon Disulfide
Concen: 46.022 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY007262.D
Acq: 21 Jan 2022 18:49

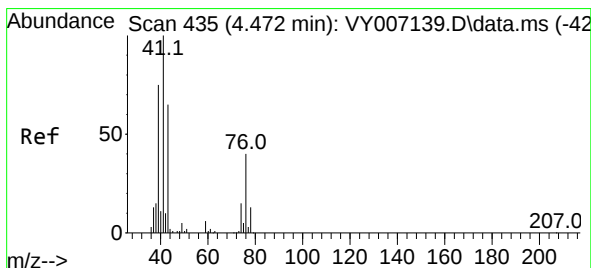
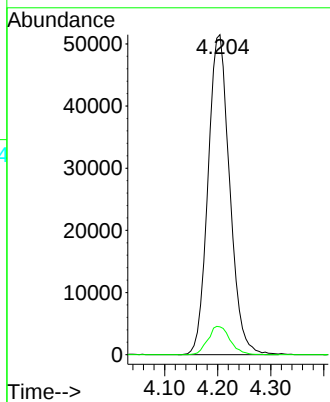
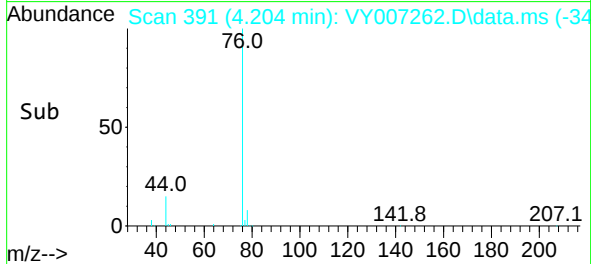
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 14593
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8

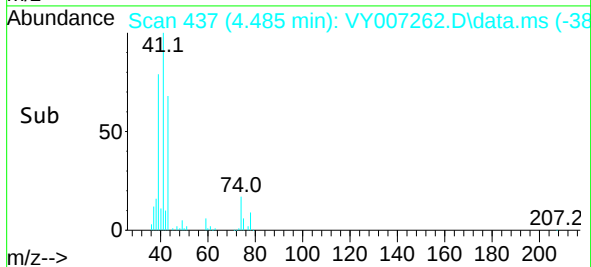
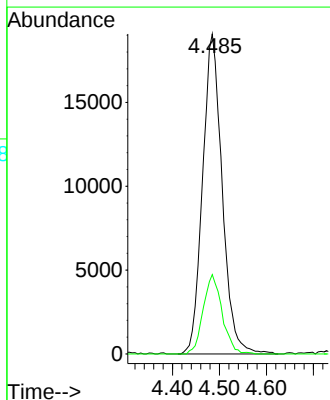
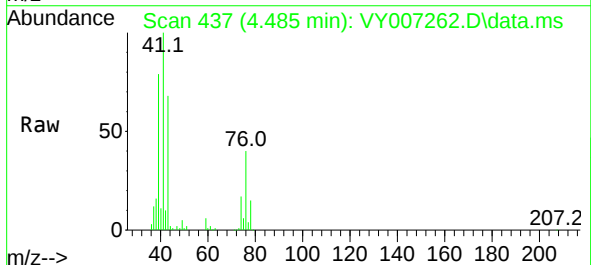
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#18
Methyl Acetate
Concen: 48.281 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.013 min
Lab File: VY007262.D
Acq: 21 Jan 2022 18:49

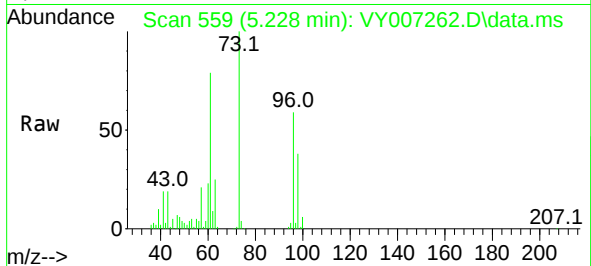
Tgt Ion: 43 Resp: 55205
Ion Ratio Lower Upper
43 100
74 24.0 20.9 31.3





#19
Methyl tert-butyl Ether
Concen: 52.715 ug/l
RT: 5.228 min Scan# 511
Delta R.T. 0.013 min
Lab File: VY007262.D
Acq: 21 Jan 2022 18:49

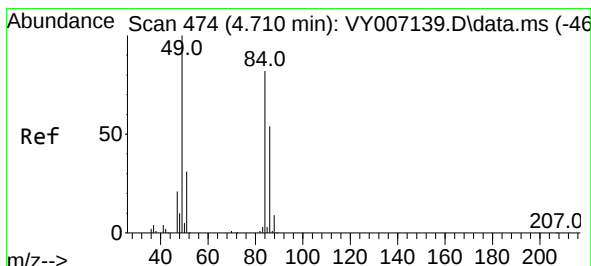
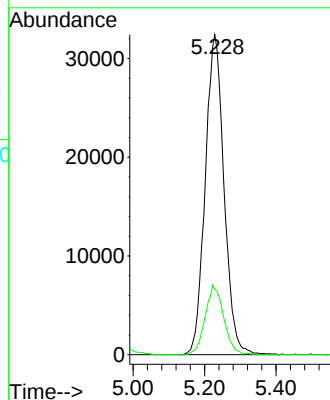
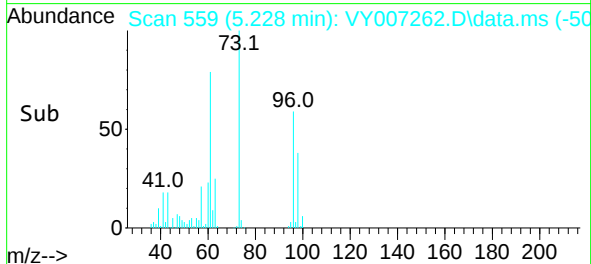
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



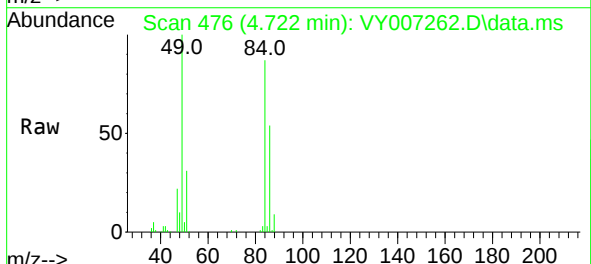
Tgt Ion: 73 Resp: 11850
Ion Ratio Lower Upper
73 100
57 20.5 17.4 26.2

Manual Integrations
APPROVED

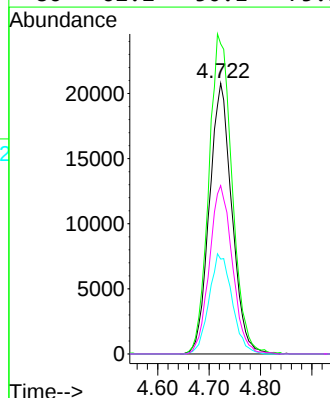
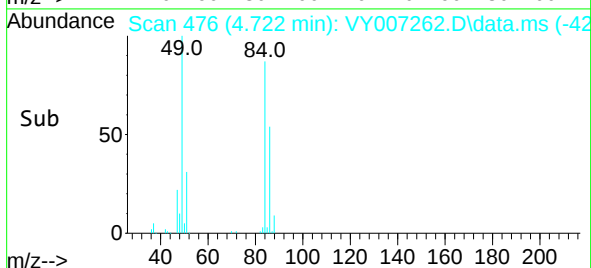
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022

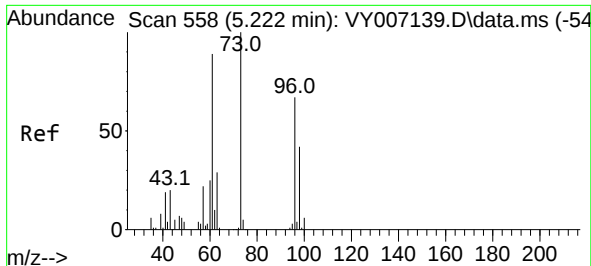


#20
Methylene Chloride
Concen: 47.523 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.013 min
Lab File: VY007262.D
Acq: 21 Jan 2022 18:49



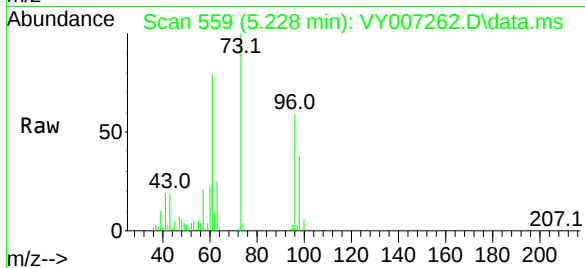
Tgt Ion: 84 Resp: 63147
Ion Ratio Lower Upper
84 100
49 114.5 92.6 139.0
51 35.1 28.6 42.8
86 62.2 50.1 75.1





#21
trans-1,2-Dichloroethene
Concen: 47.428 ug/l
RT: 5.228 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY007262.D
Acq: 21 Jan 2022 18:49

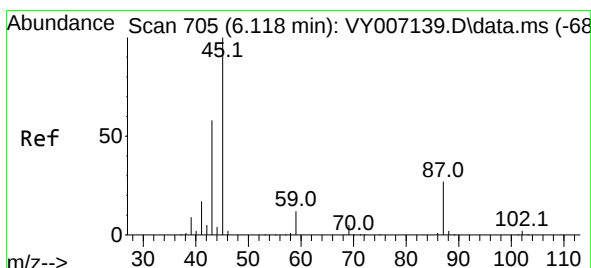
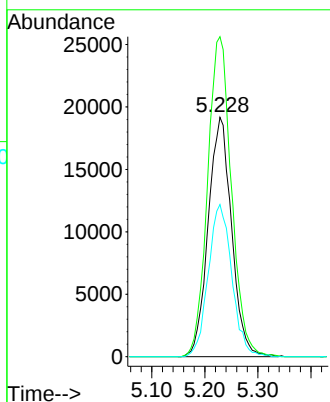
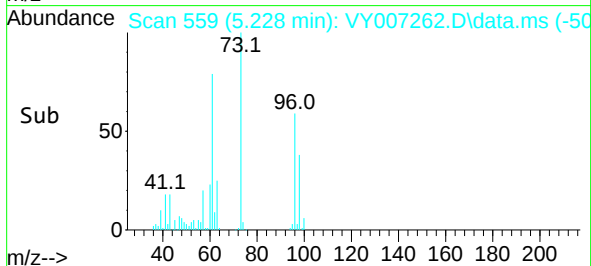
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



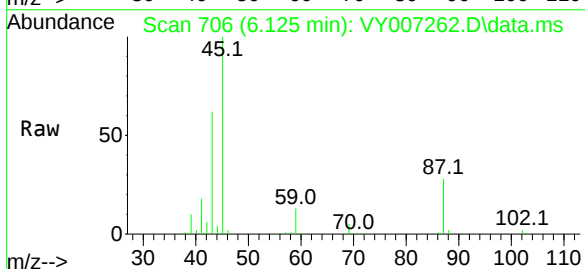
Tgt Ion: 96 Resp: 5871
Ion Ratio Lower Upper
96 100
61 133.7 107.3 160.9
98 63.5 52.4 78.6

Manual Integrations
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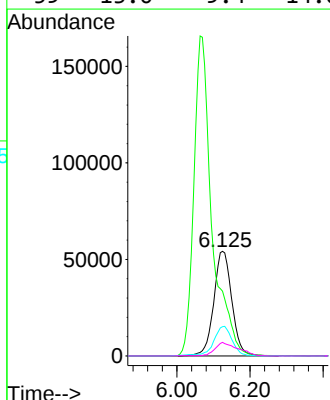
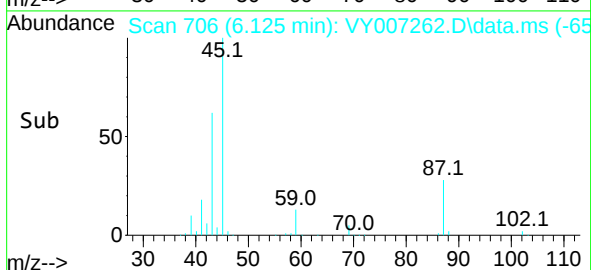
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022

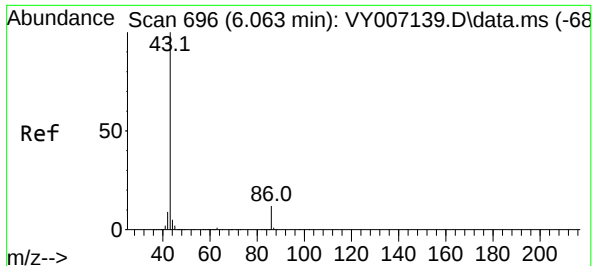


#22
Diisopropyl ether
Concen: 50.317 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY007262.D
Acq: 21 Jan 2022 18:49



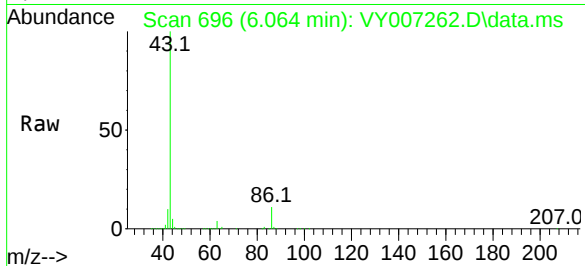
Tgt Ion: 45 Resp: 186636
Ion Ratio Lower Upper
45 100
43 61.5 45.6 68.4
87 27.9 22.2 33.2
59 13.0 9.4 14.0





#23
 Vinyl Acetate
 Concen: 262.251 ug/l
 RT: 6.064 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VY007262.D
 Acq: 21 Jan 2022 18:49

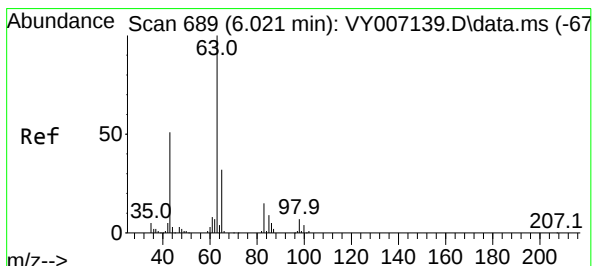
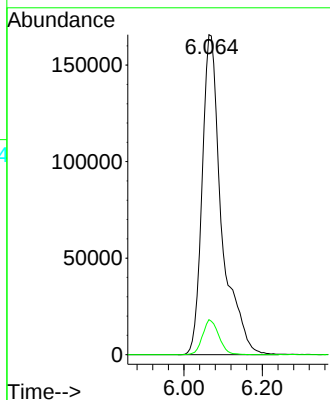
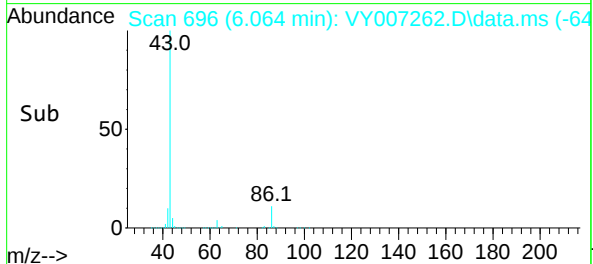
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



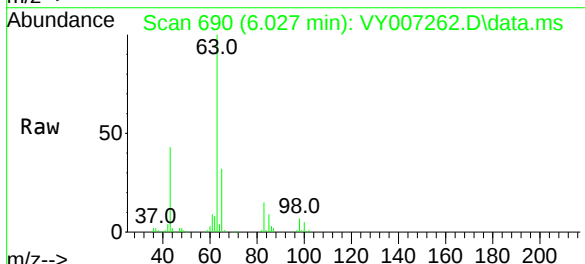
Tgt Ion: 43 Resp: 572060
 Ion Ratio Lower Upper
 43 100
 86 11.0 9.0 13.6

Manual Integrations
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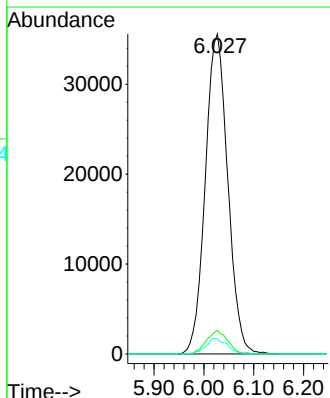
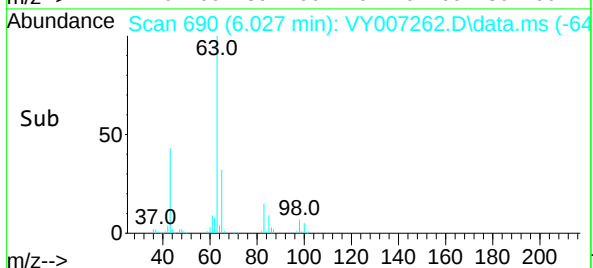
Reviewed By :John Carlone 01/24/2022
 Supervised By :Mahesh Dadoda 01/24/2022



#24
 1,1-Dichloroethane
 Concen: 49.335 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.006 min
 Lab File: VY007262.D
 Acq: 21 Jan 2022 18:49



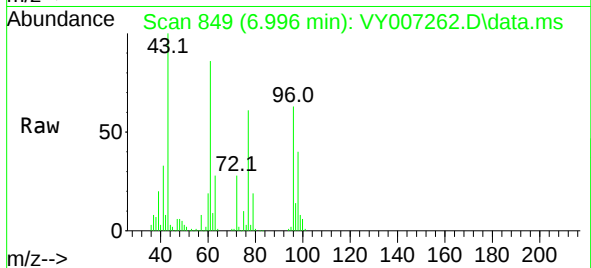
Tgt Ion: 63 Resp: 111318
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.6
 100 4.7 2.1 6.2





#25
2-Butanone
Concen: 257.541 ug/l
RT: 6.996 min Scan# 847
Delta R.T. 0.013 min
Lab File: VY007262.D
Acq: 21 Jan 2022 18:49

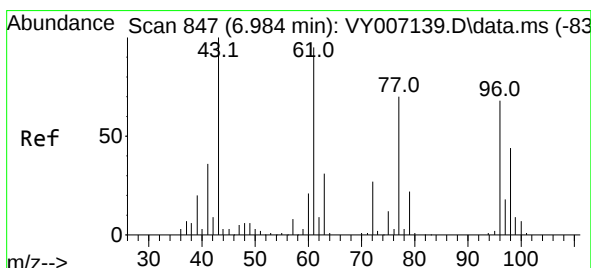
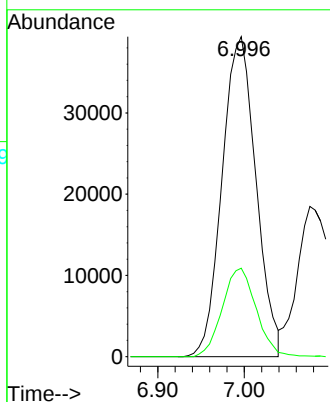
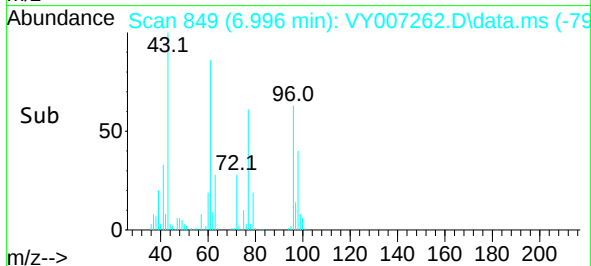
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 106999
Ion Ratio Lower Upper
43 100
72 27.7 21.9 32.9

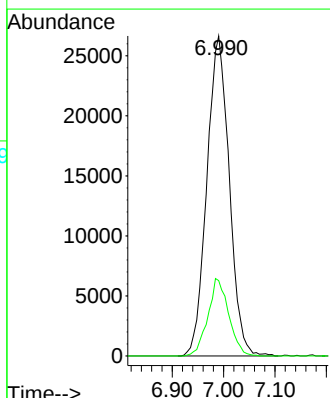
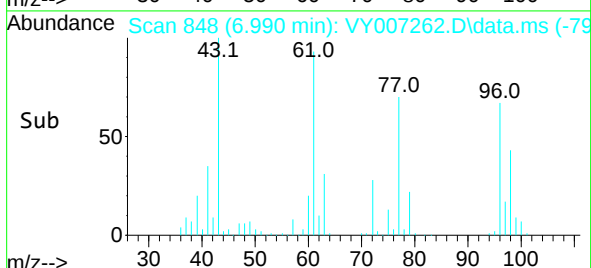
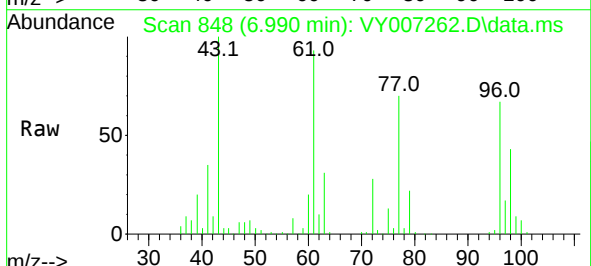
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#26
2,2-Dichloropropane
Concen: 49.064 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.007 min
Lab File: VY007262.D
Acq: 21 Jan 2022 18:49

Tgt Ion: 77 Resp: 80682
Ion Ratio Lower Upper
77 100
97 22.5 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 48.912 ug/l

RT: 6.990 min Scan# 847

Delta R.T. 0.007 min

Lab File: VY007262.D

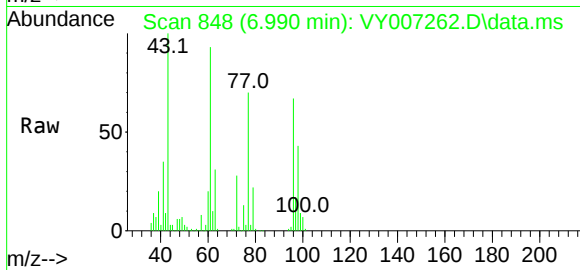
Acq: 21 Jan 2022 18:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



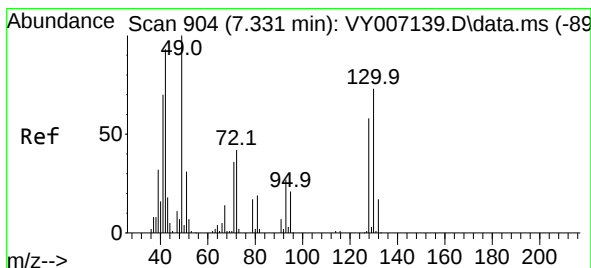
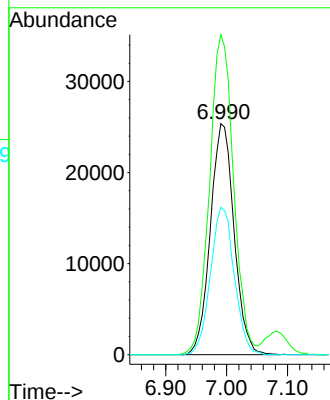
Tgt Ion:	96	Resp:	6868
Ion	Ratio	Lower	Upper
96	100		
61	140.9	0.0	276.8
98	64.0	0.0	127.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2022

Supervised By :Mahesh Dadoda 01/24/2022



#28

Bromochloromethane

Concen: 54.218 ug/l

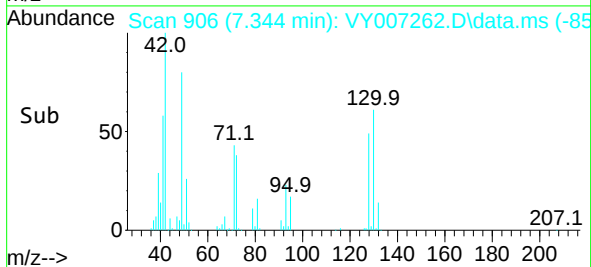
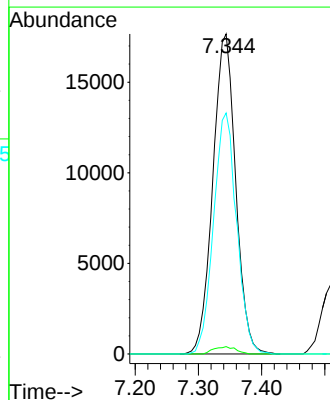
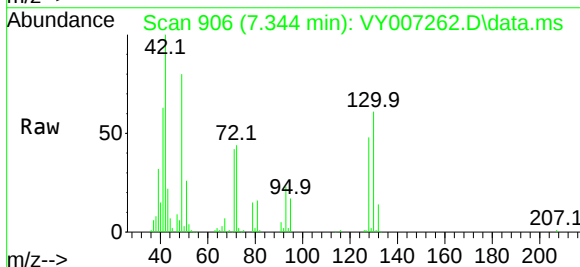
RT: 7.344 min Scan# 906

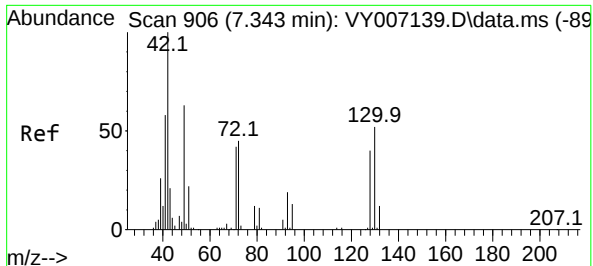
Delta R.T. 0.013 min

Lab File: VY007262.D

Acq: 21 Jan 2022 18:49

Tgt Ion:	49	Resp:	44251
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.6
130	76.1	65.0	97.4





#29

Tetrahydrofuran

Concen: 258.659 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY007262.D

Acq: 21 Jan 2022 18:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

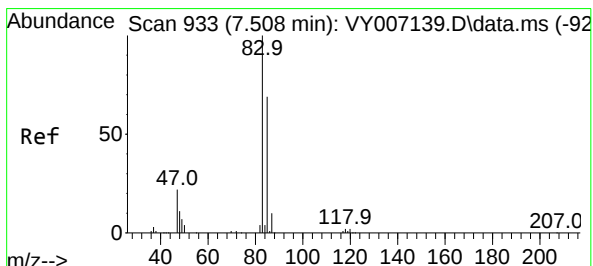
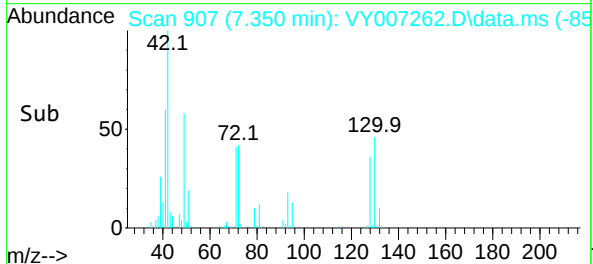
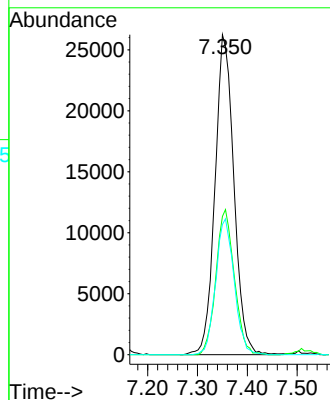
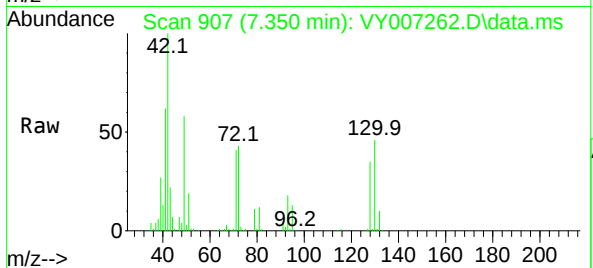
Tgt Ion:	42	Resp:	69080
Ion	Ratio	Lower	Upper
42	100		
72	44.3	36.6	54.8
71	41.6	34.1	51.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2022

Supervised By :Mahesh Dadoda 01/24/2022



#30

Chloroform

Concen: 50.905 ug/l

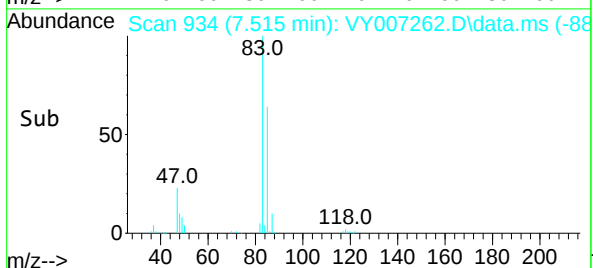
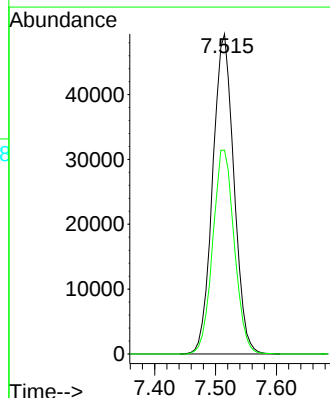
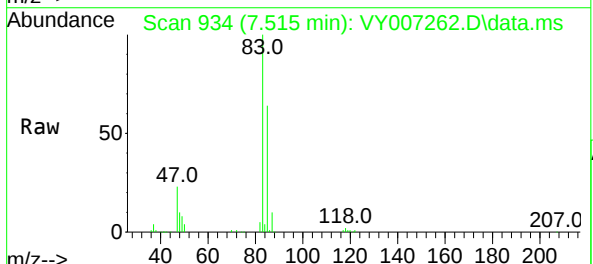
RT: 7.515 min Scan# 934

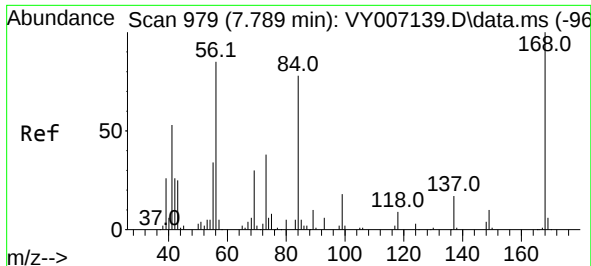
Delta R.T. 0.006 min

Lab File: VY007262.D

Acq: 21 Jan 2022 18:49

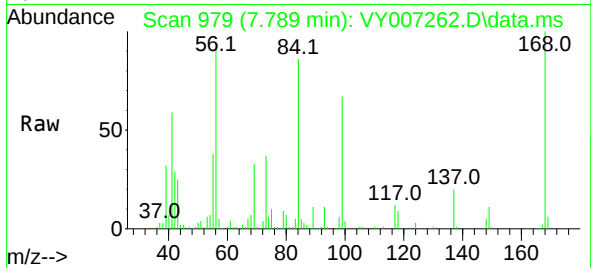
Tgt Ion:	83	Resp:	119342
Ion	Ratio	Lower	Upper
83	100		
85	63.7	50.9	76.3





#31
Cyclohexane
Concen: 44.756 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007262.D
Acq: 21 Jan 2022 18:49

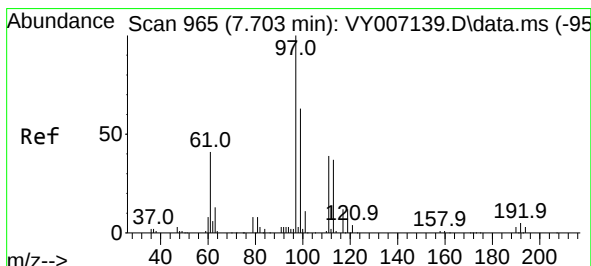
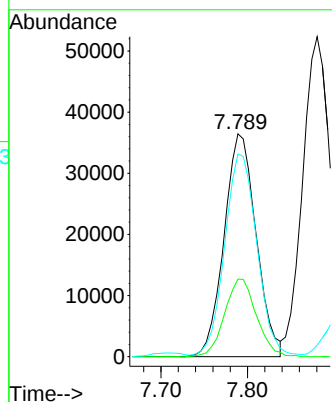
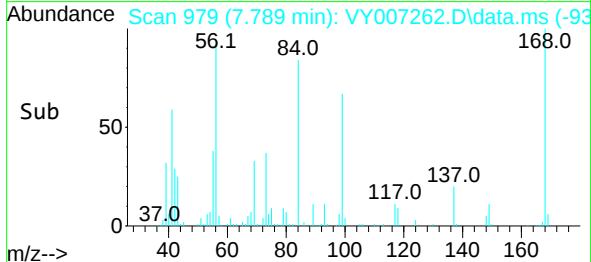
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



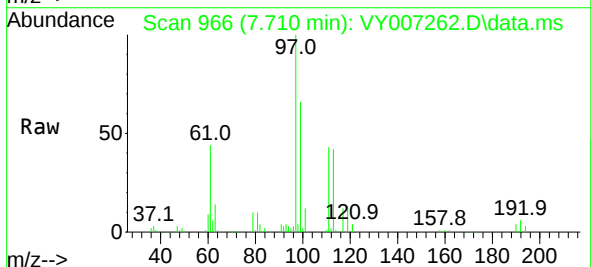
Tgt Ion: 56 Resp: 9368
Ion Ratio Lower Upper
56 100
69 34.8 27.2 40.8
84 89.6 72.1 108.1

Manual Integrations
APPROVED

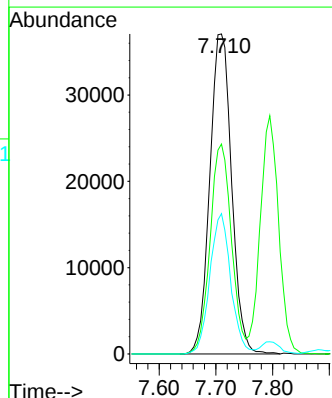
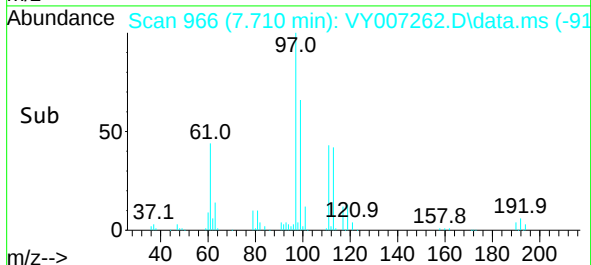
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022

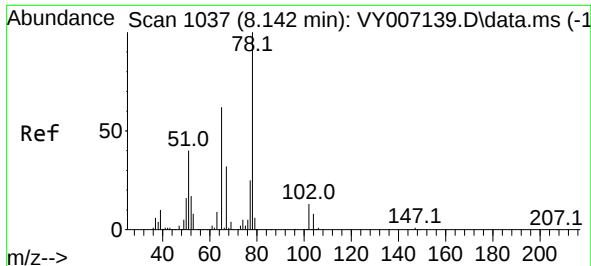


#32
1,1,1-Trichloroethane
Concen: 49.459 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY007262.D
Acq: 21 Jan 2022 18:49



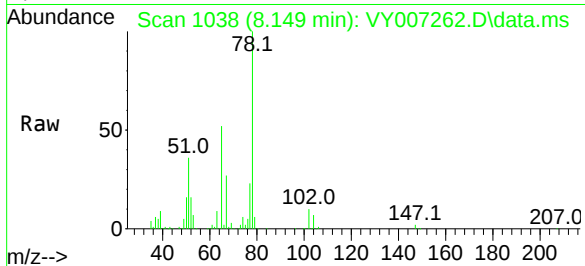
Tgt Ion: 97 Resp: 99107
Ion Ratio Lower Upper
97 100
99 64.2 51.1 76.7
61 42.0 32.2 48.2





#33
1,2-Dichloroethane-d4
Concen: 48.925 ug/l
RT: 8.149 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY007262.D
Acq: 21 Jan 2022 18:49

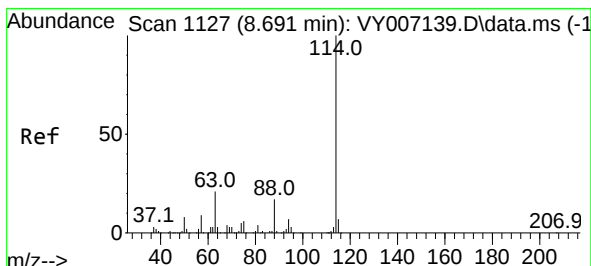
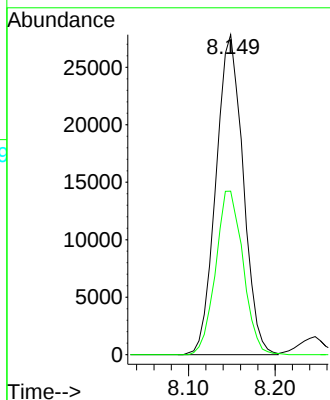
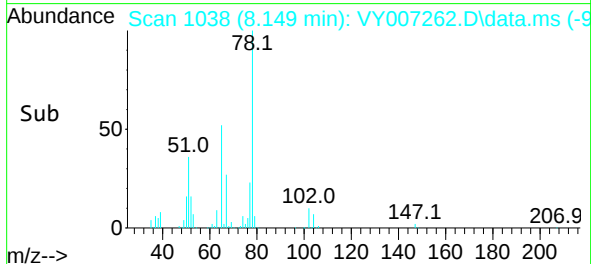
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 65 Resp: 60579
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.6

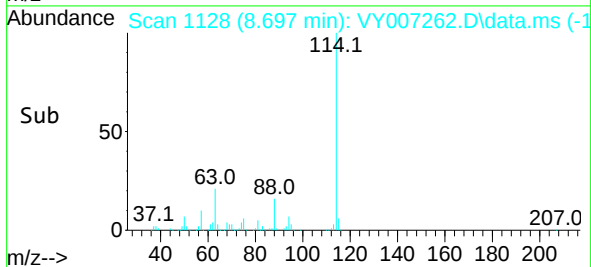
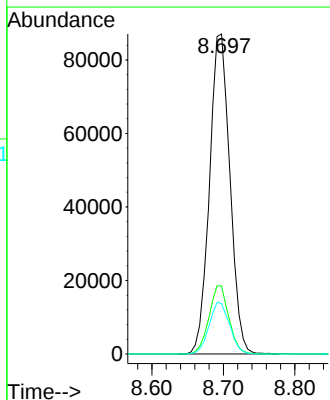
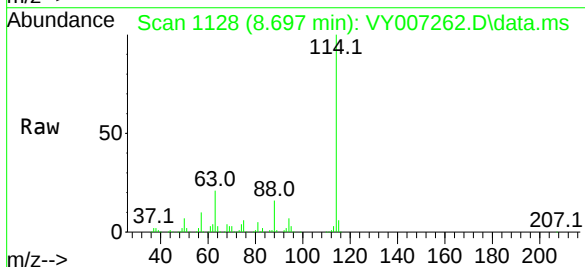
Manual Integrations
APPROVED

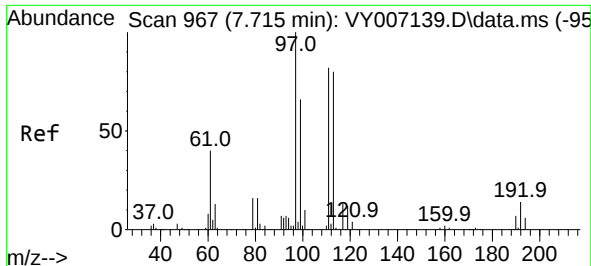
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VY007262.D
Acq: 21 Jan 2022 18:49

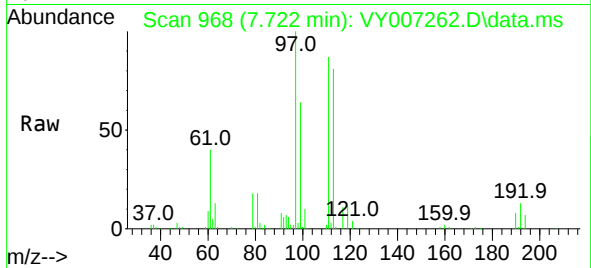
Tgt Ion:114 Resp: 172678
Ion Ratio Lower Upper
114 100
63 21.3 0.0 39.2
88 15.7 0.0 31.0





#35
Dibromofluoromethane
Concen: 48.898 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY007262.D
Acq: 21 Jan 2022 18:49

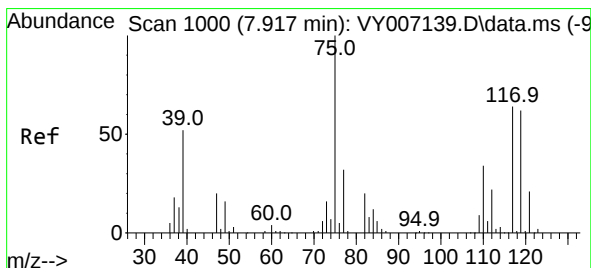
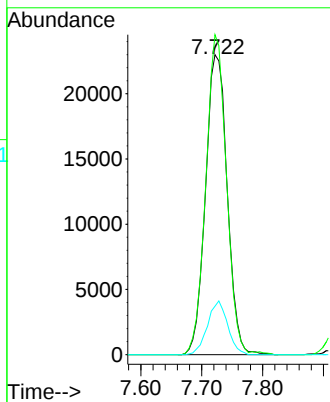
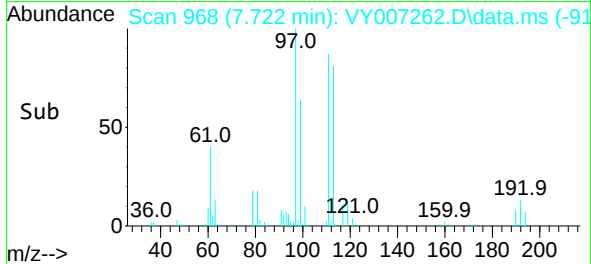
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



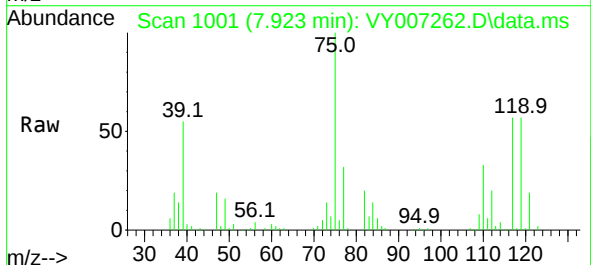
Tgt Ion: 113 Resp: 57094
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.4
192 16.6 14.2 21.4

Manual Integrations
APPROVED

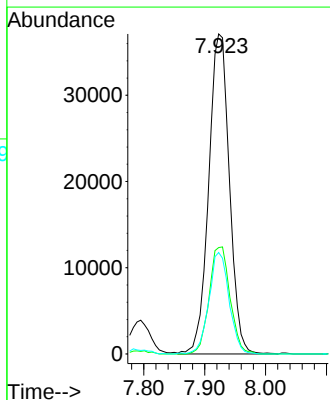
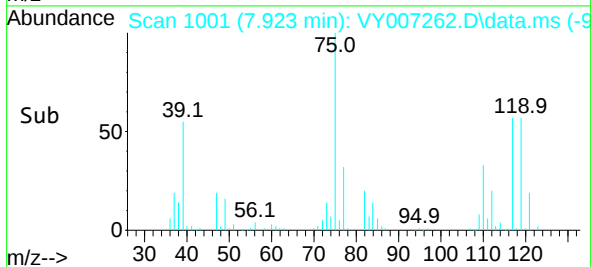
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022

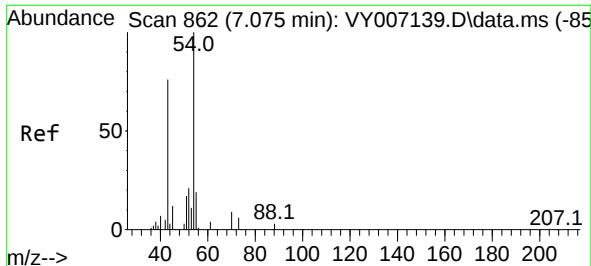


#36
1,1-Dichloropropene
Concen: 46.962 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY007262.D
Acq: 21 Jan 2022 18:49



Tgt Ion: 75 Resp: 87576
Ion Ratio Lower Upper
75 100
110 33.7 17.3 51.9
77 31.0 24.7 37.1





#37

Ethyl Acetate

Concen: 52.630 ug/l

RT: 7.076 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY007262.D

Acq: 21 Jan 2022 18:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 50368

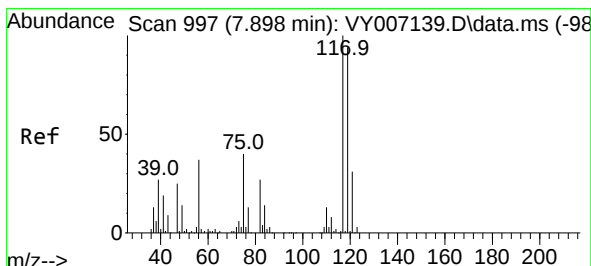
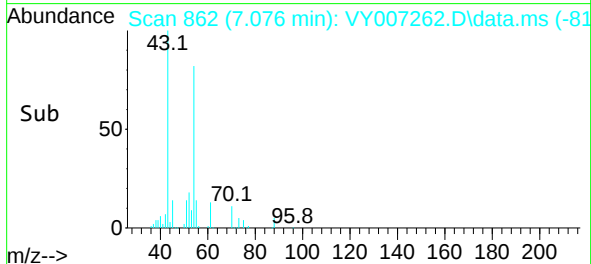
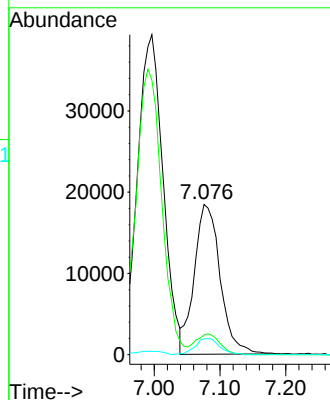
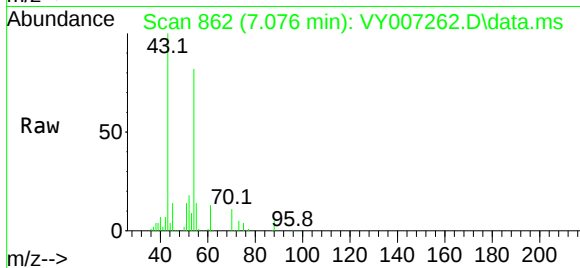
Ion	Ratio	Lower	Upper
43	100		
61	13.0	11.8	17.8
70	10.2	9.0	13.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2022

Supervised By :Mahesh Dadoda 01/24/2022



#38

Carbon Tetrachloride

Concen: 47.089 ug/l

RT: 7.911 min Scan# 999

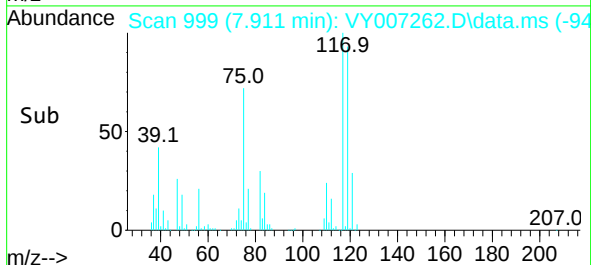
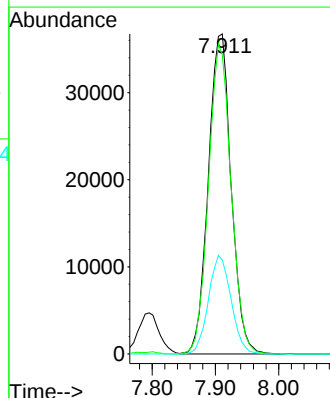
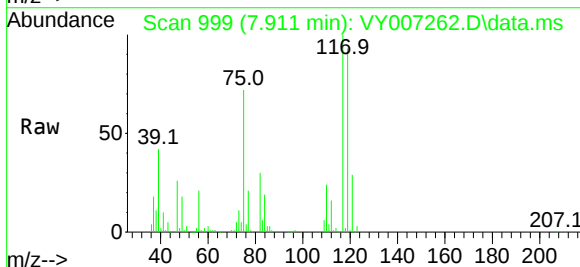
Delta R.T. 0.013 min

Lab File: VY007262.D

Acq: 21 Jan 2022 18:49

Tgt Ion:117 Resp: 92365

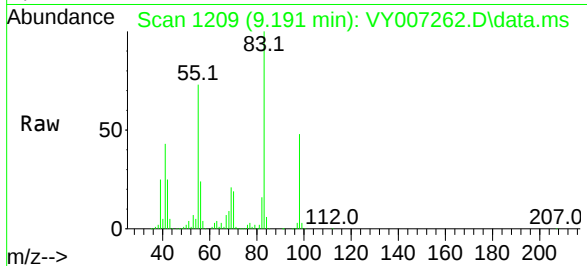
Ion	Ratio	Lower	Upper
117	100		
119	93.5	77.2	115.8
121	29.4	24.2	36.2





#39
Methylcyclohexane
Concen: 45.911 ug/l
RT: 9.191 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY007262.D
Acq: 21 Jan 2022 18:49

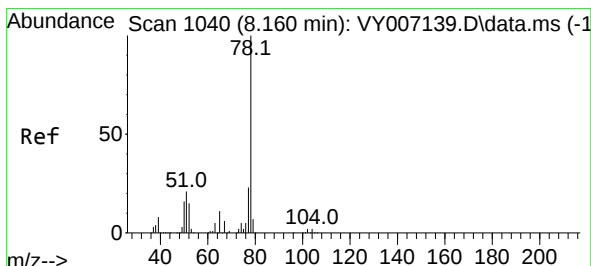
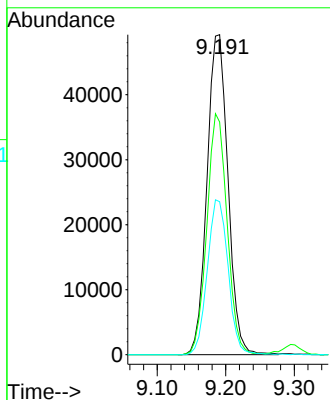
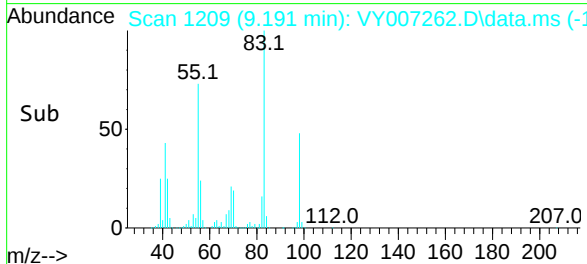
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 10453
Ion Ratio Lower Upper
83 100
55 72.7 58.8 88.2
98 47.8 38.7 58.1

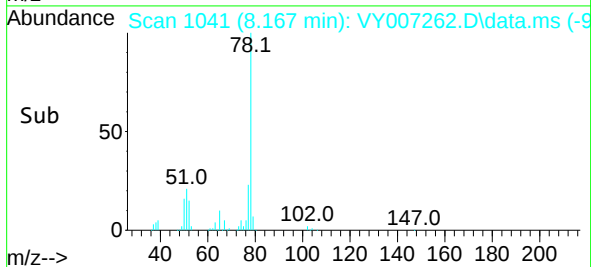
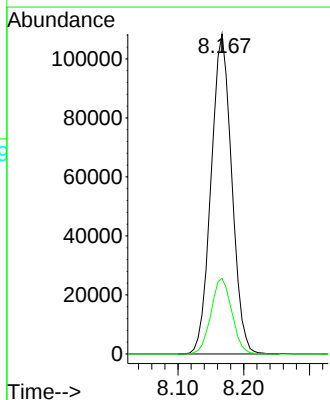
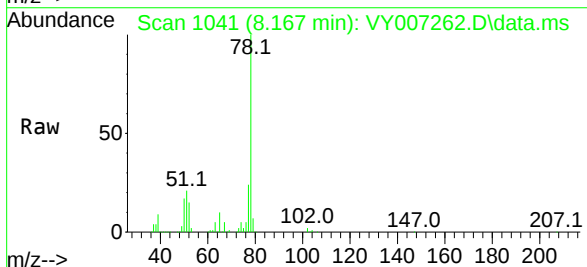
Manual Integrations
APPROVED

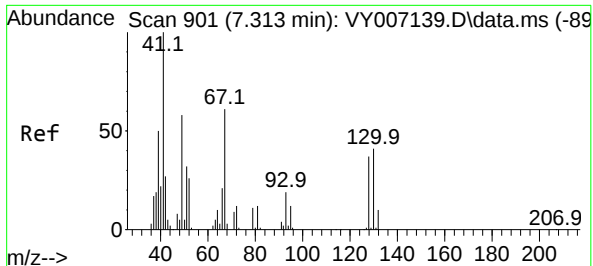
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#40
Benzene
Concen: 47.655 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY007262.D
Acq: 21 Jan 2022 18:49

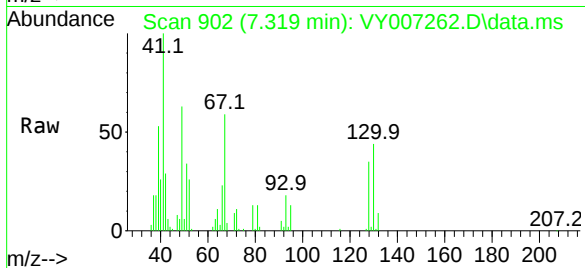
Tgt Ion: 78 Resp: 237053
Ion Ratio Lower Upper
78 100
77 23.6 18.6 27.8





#41
Methacrylonitrile
Concen: 46.010 ug/l m
RT: 7.319 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY007262.D
Acq: 21 Jan 2022 18:49

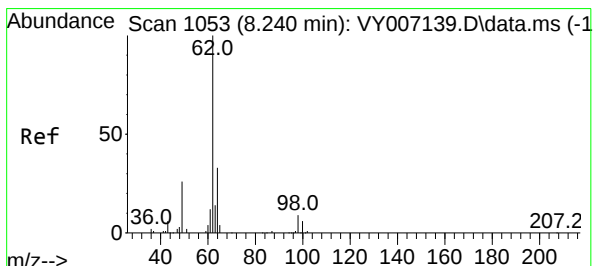
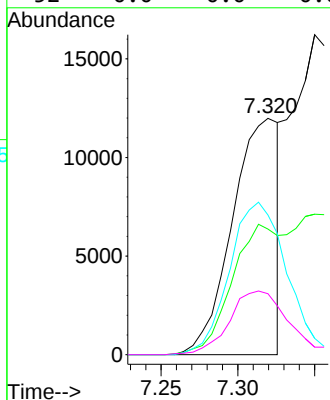
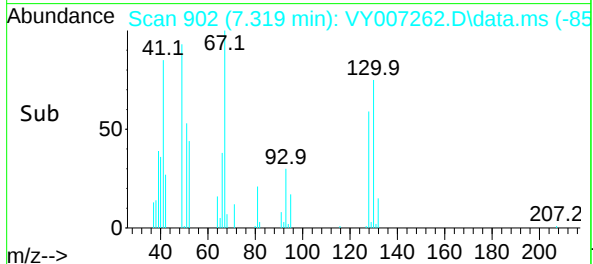
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 2535
Ion Ratio Lower Upper
41 100
39 0.0 0.0 0.0
67 0.0 0.0 0.0
52 0.0 0.0 0.0

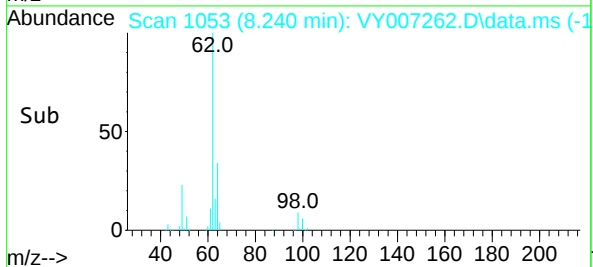
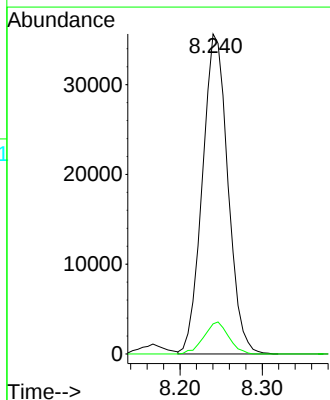
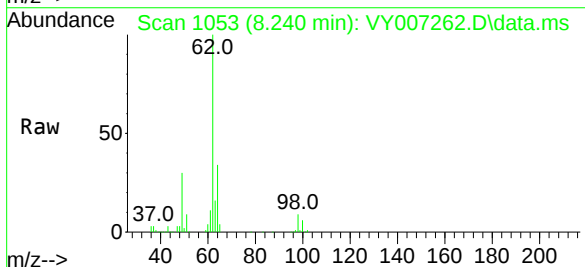
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#42
1,2-Dichloroethane
Concen: 49.072 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY007262.D
Acq: 21 Jan 2022 18:49

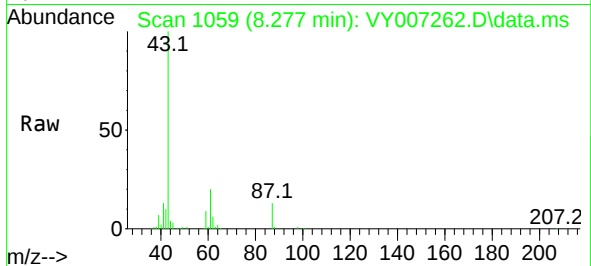
Tgt Ion: 62 Resp: 76868
Ion Ratio Lower Upper
62 100
98 9.7 0.0 19.2





#43
Isopropyl Acetate
Concen: 51.259 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY007262.D
Acq: 21 Jan 2022 18:49

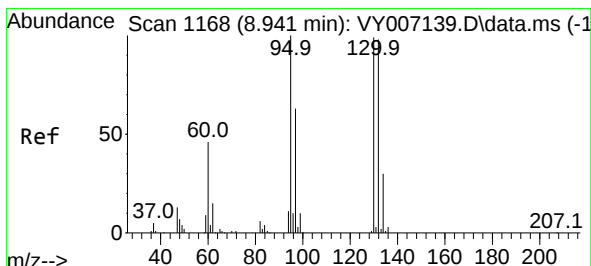
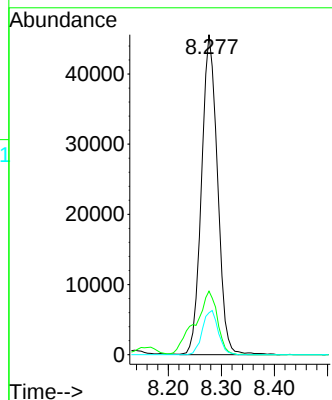
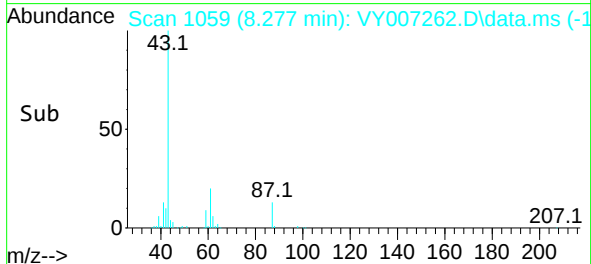
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 95454
Ion Ratio Lower Upper
43 100
61 27.9 23.8 35.8
87 13.6 11.6 17.4

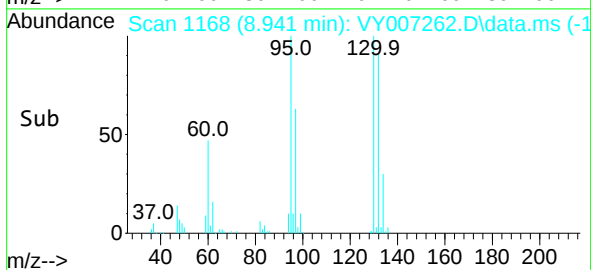
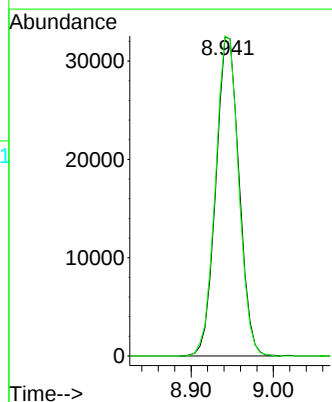
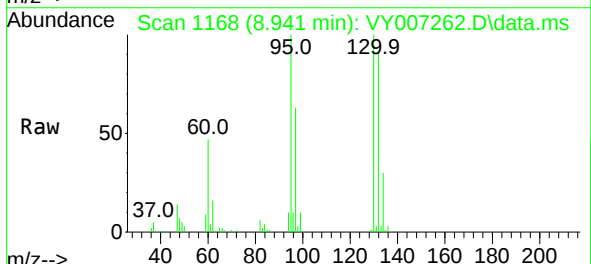
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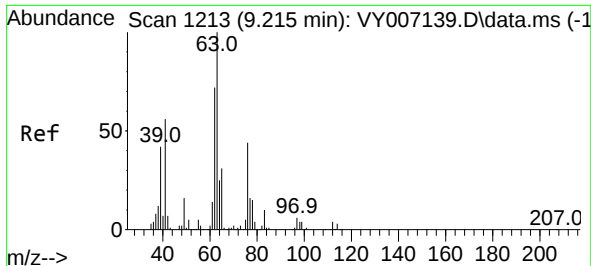
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#44
Trichloroethene
Concen: 47.313 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY007262.D
Acq: 21 Jan 2022 18:49

Tgt Ion:130 Resp: 63688
Ion Ratio Lower Upper
130 100
95 100.4 0.0 196.6





#45

1,2-Dichloropropane

Concen: 48.032 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. 0.006 min

Lab File: VY007262.D

Acq: 21 Jan 2022 18:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 60760

Ion Ratio Lower Upper

63 100

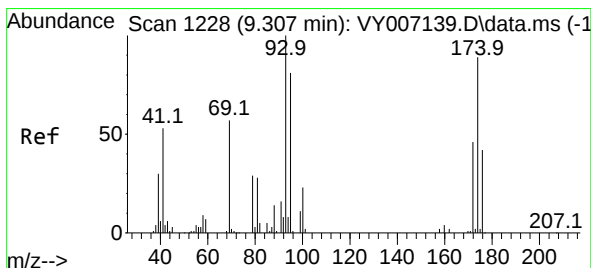
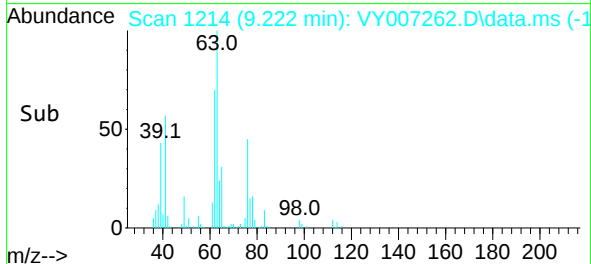
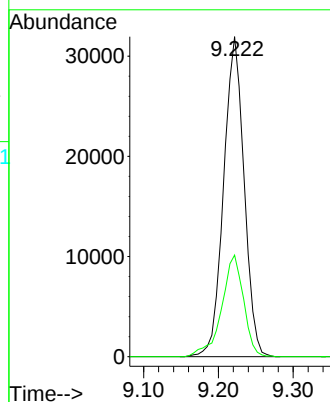
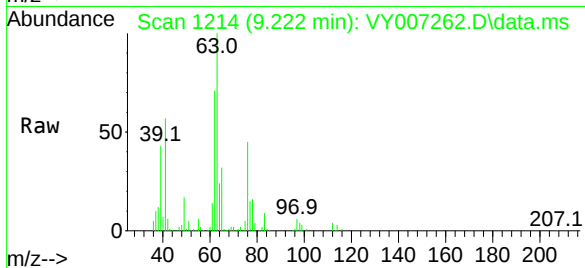
65 31.8 26.9 40.3

Manual Integrations

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Reviewed By :John Carlone 01/24/2022

Supervised By :Mahesh Dadoda 01/24/2022



#46

Dibromomethane

Concen: 49.479 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY007262.D

Acq: 21 Jan 2022 18:49

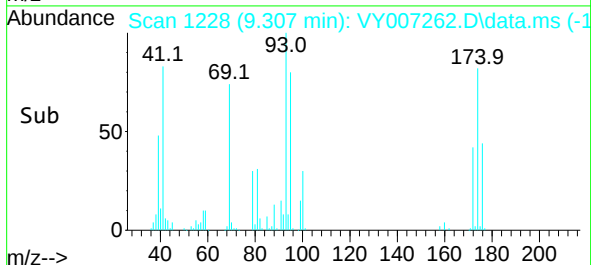
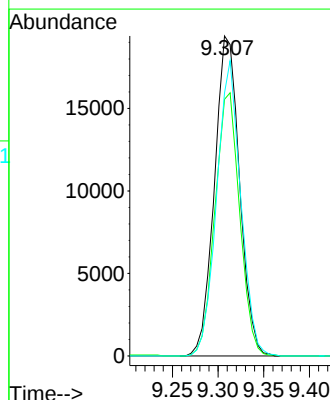
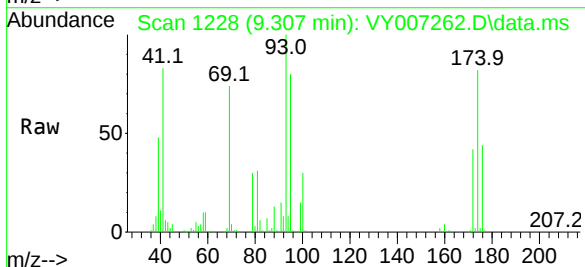
Tgt Ion: 93 Resp: 37013

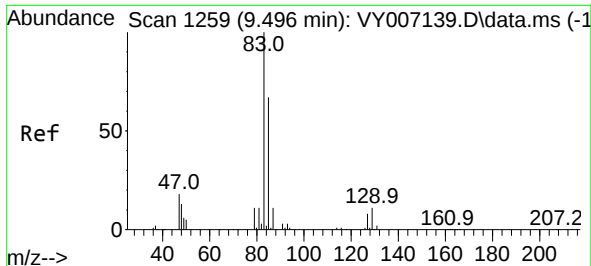
Ion Ratio Lower Upper

93 100

95 81.0 65.8 98.6

174 88.3 75.4 113.0





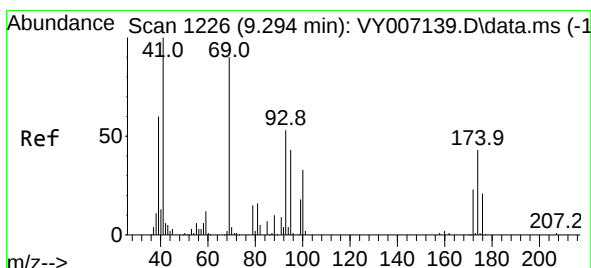
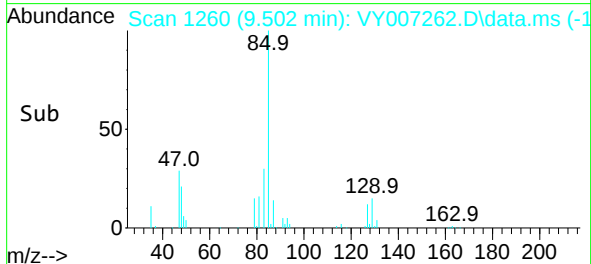
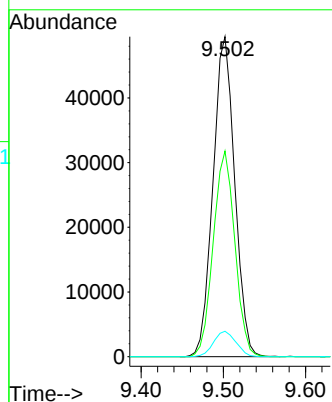
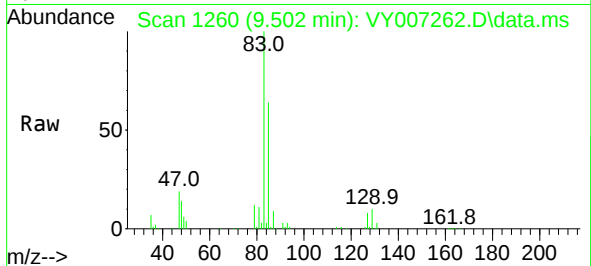
#47
Bromodichloromethane
Concen: 49.404 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VY007262.D
Acq: 21 Jan 2022 18:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 90852
Ion Ratio Lower Upper
83 100
85 64.2 51.4 77.2
127 8.0 6.5 9.7

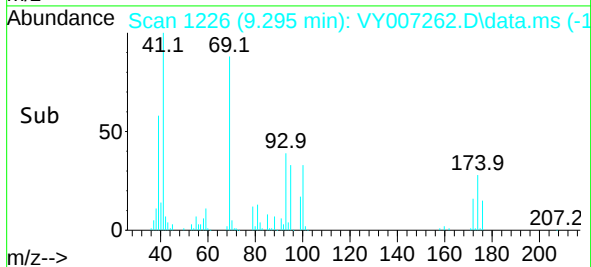
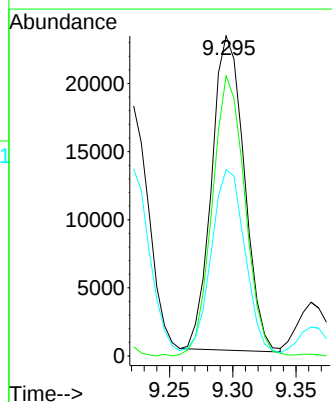
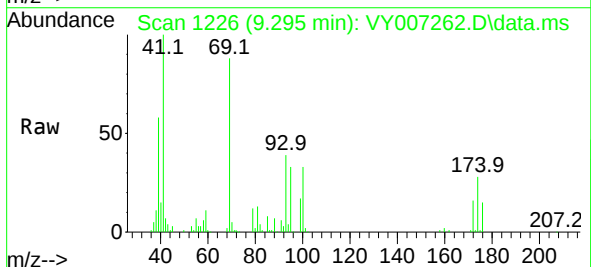
Manual Integrations
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Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#48
Methyl methacrylate
Concen: 48.758 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY007262.D
Acq: 21 Jan 2022 18:49

Tgt Ion: 41 Resp: 41298
Ion Ratio Lower Upper
41 100
69 89.4 70.5 105.7
39 59.9 43.8 65.8





#49

1,4-Dioxane

Concen: 1010.588 ug/l

RT: 9.313 min Scan# 11

Delta R.T. 0.013 min

Lab File: VY007262.D

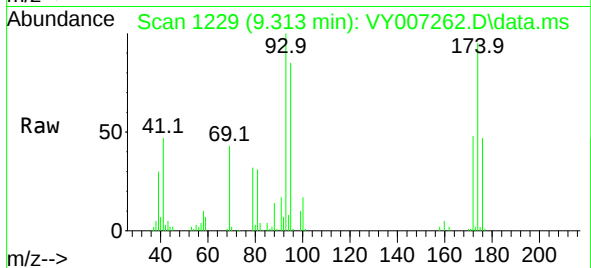
Acq: 21 Jan 2022 18:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



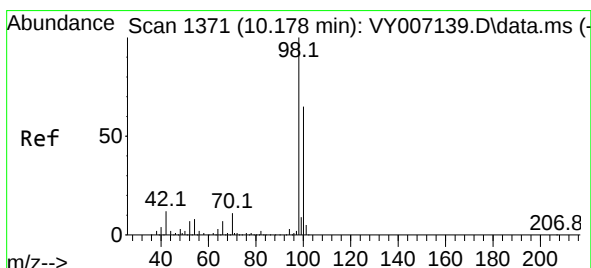
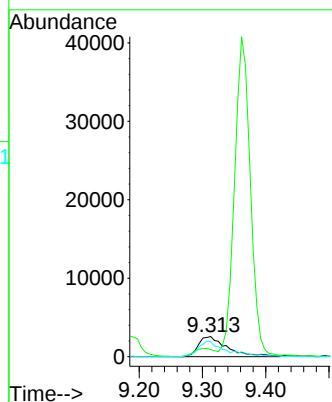
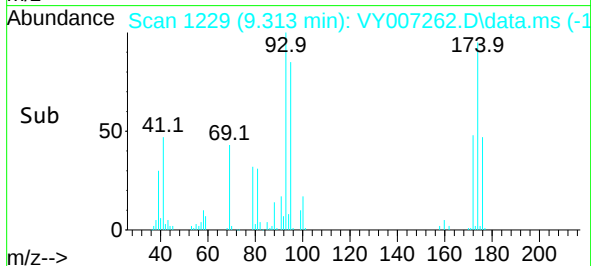
Tgt Ion:	88	Resp:	815
Ion	Ratio	Lower	Upper
88	100		
43	30.7	22.0	33.0
58	74.8	58.6	87.8

Manual Integrations

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Reviewed By :John Carlone 01/24/2022

Supervised By :Mahesh Dadoda 01/24/2022



#50

Toluene-d8

Concen: 47.146 ug/l

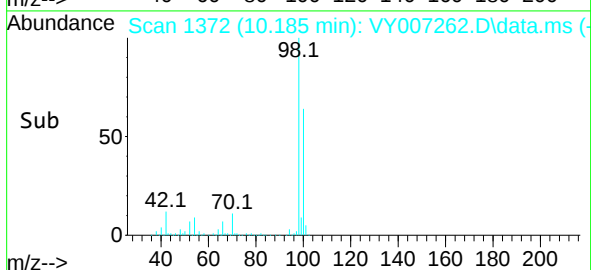
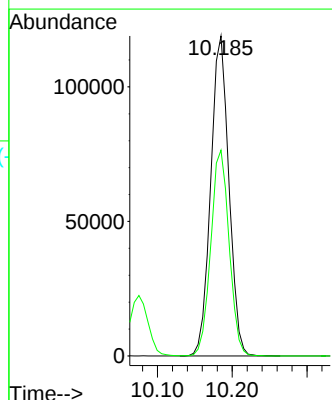
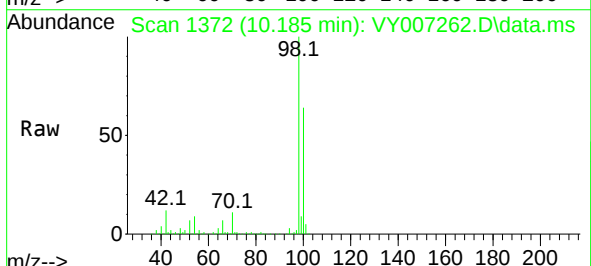
RT: 10.185 min Scan# 1372

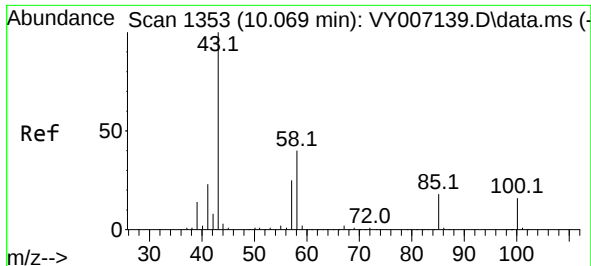
Delta R.T. 0.007 min

Lab File: VY007262.D

Acq: 21 Jan 2022 18:49

Tgt Ion:	98	Resp:	201144
Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.2	78.2





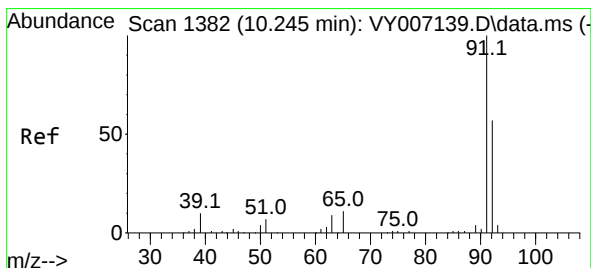
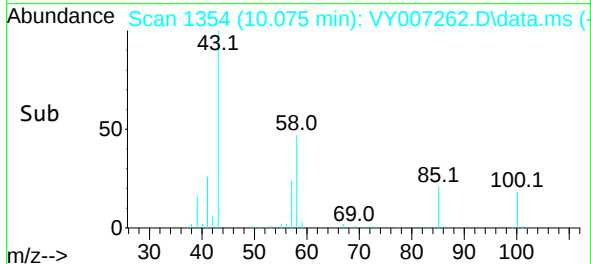
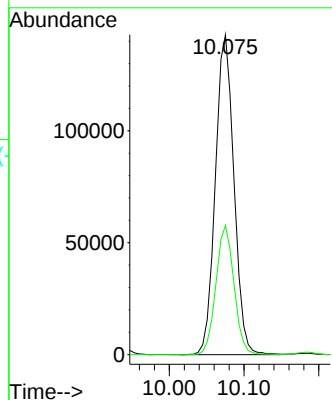
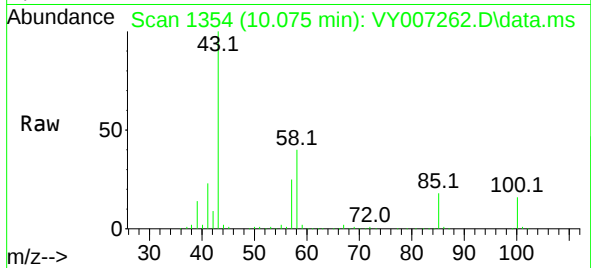
#51
4-Methyl-2-Pentanone
Concen: 262.032 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VY007262.D
Acq: 21 Jan 2022 18:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 247414
Ion Ratio Lower Upper
43 100
58 39.4 32.8 49.2

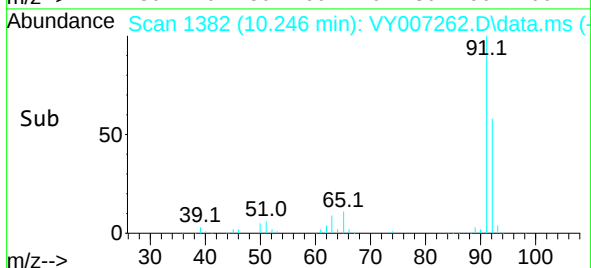
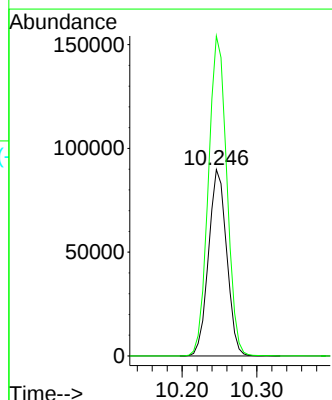
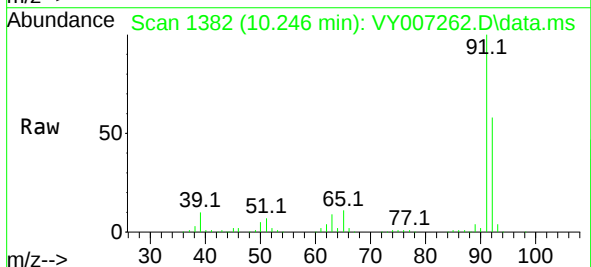
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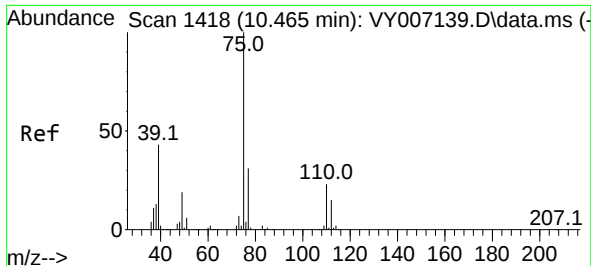
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#52
Toluene
Concen: 48.027 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY007262.D
Acq: 21 Jan 2022 18:49

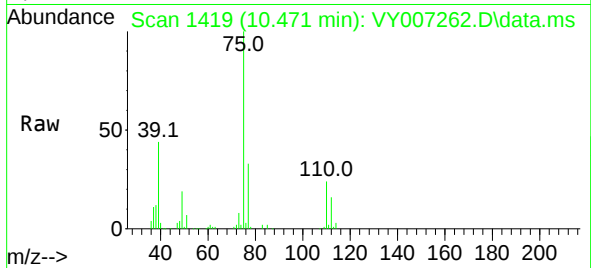
Tgt Ion: 92 Resp: 151433
Ion Ratio Lower Upper
92 100
91 174.3 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 49.035 ug/l
RT: 10.471 min Scan# 1418
Delta R.T. 0.007 min
Lab File: VY007262.D
Acq: 21 Jan 2022 18:49

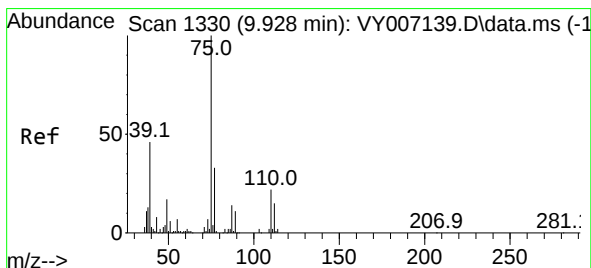
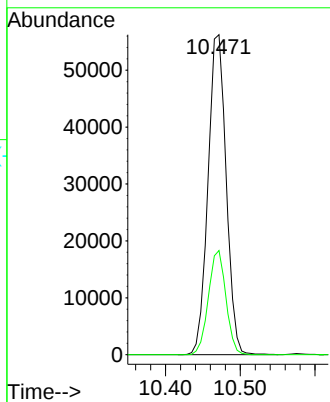
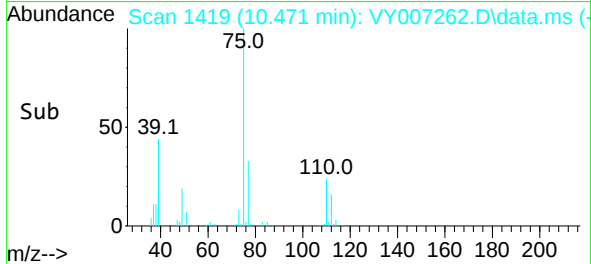
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 95189
Ion Ratio Lower Upper
75 100
77 32.6 25.7 38.5

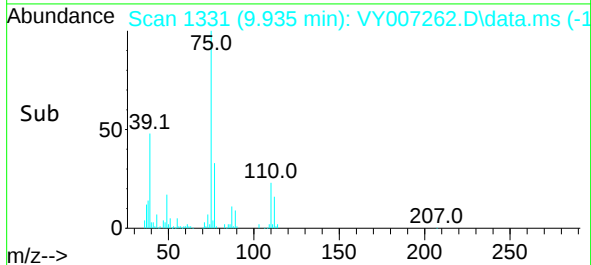
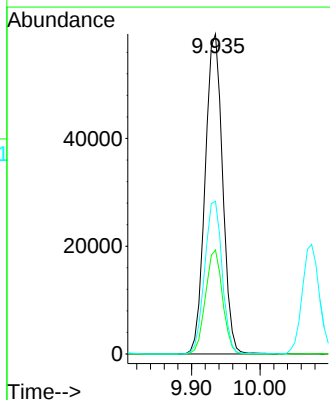
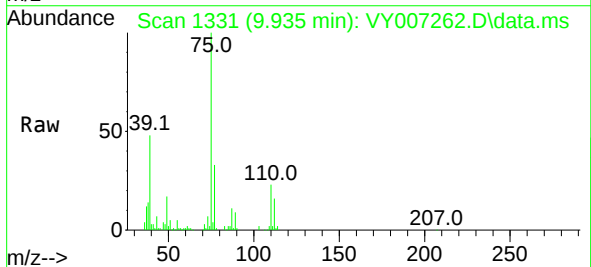
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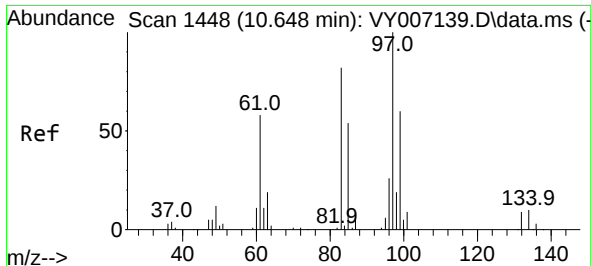
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#54
cis-1,3-Dichloropropene
Concen: 48.451 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. 0.006 min
Lab File: VY007262.D
Acq: 21 Jan 2022 18:49

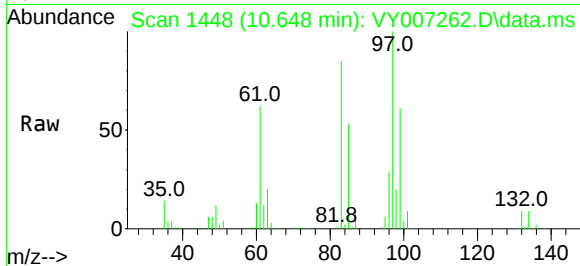
Tgt Ion: 75 Resp: 105283
Ion Ratio Lower Upper
75 100
77 32.5 25.7 38.5
39 47.7 36.1 54.1





#55
1,1,2-Trichloroethane
Concen: 49.120 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY007262.D
Acq: 21 Jan 2022 18:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

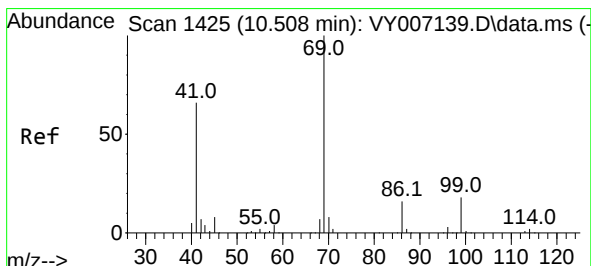
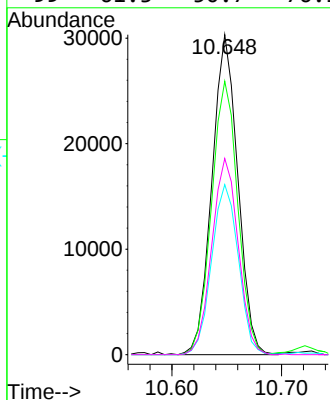
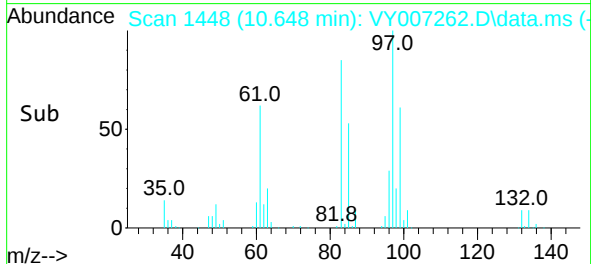


Tgt Ion: 97 Resp: 49840

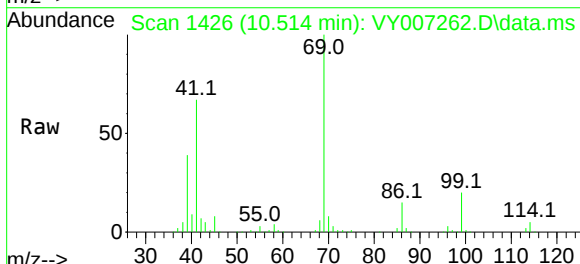
Ion	Ratio	Lower	Upper
97	100		
83	85.4	67.0	100.4
85	53.1	41.2	61.8
99	61.3	50.7	76.1

Manual Integrations
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Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022

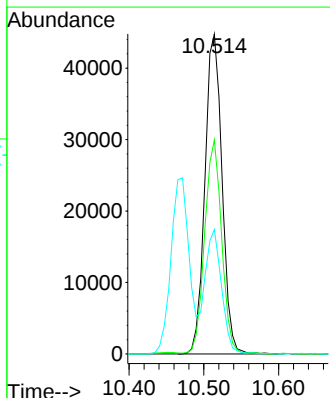
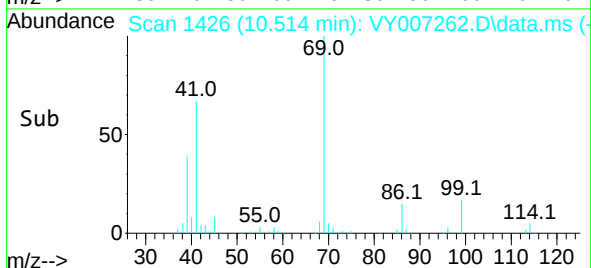


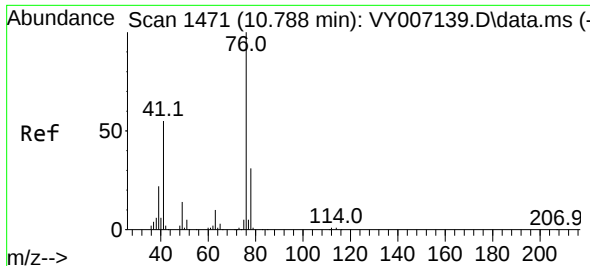
#56
Ethyl methacrylate
Concen: 49.802 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY007262.D
Acq: 21 Jan 2022 18:49



Tgt Ion: 69 Resp: 71189

Ion	Ratio	Lower	Upper
69	100		
41	66.7	49.4	74.0
39	38.6	27.7	41.5





#57

1,3-Dichloropropane

Concen: 49.743 ug/l

RT: 10.794 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY007262.D

Acq: 21 Jan 2022 18:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 87970

Ion Ratio Lower Upper

76 100

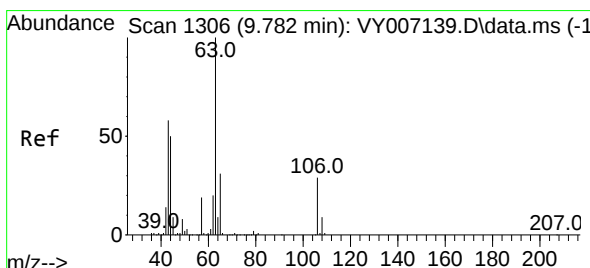
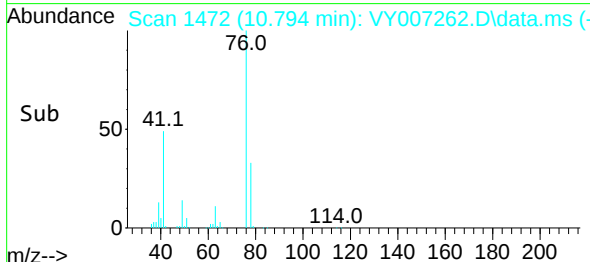
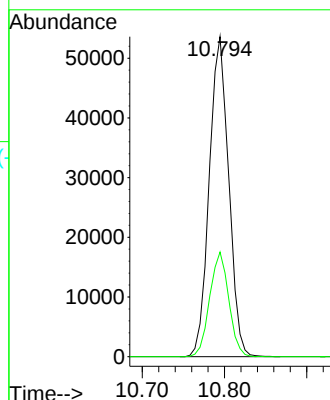
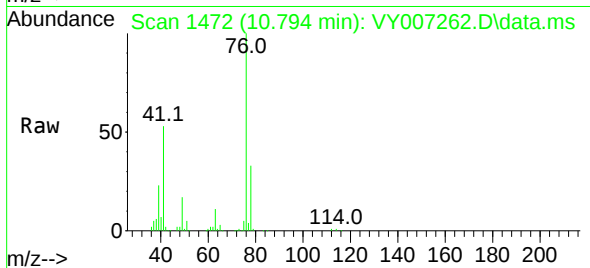
78 32.0 25.8 38.8

Manual Integrations

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Reviewed By :John Carlone 01/24/2022

Supervised By :Mahesh Dadoda 01/24/2022



#58

2-Chloroethyl Vinyl ether

Concen: 232.930 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.006 min

Lab File: VY007262.D

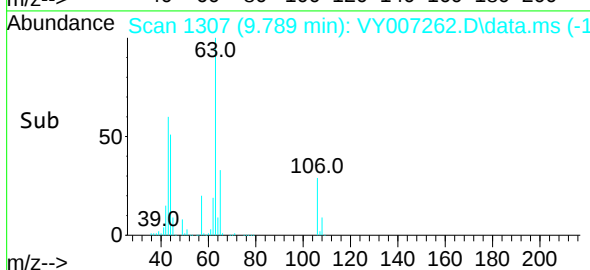
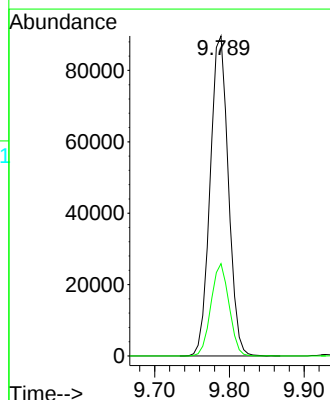
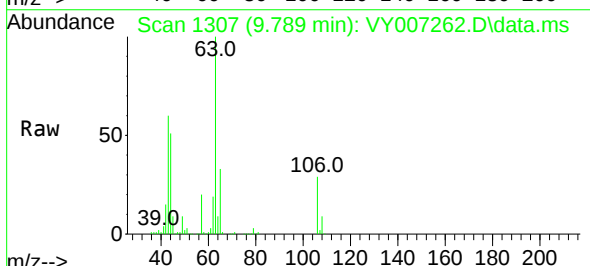
Acq: 21 Jan 2022 18:49

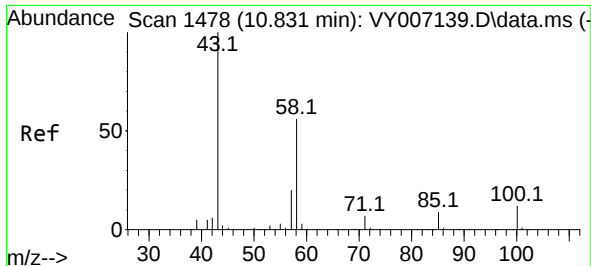
Tgt Ion: 63 Resp: 151402

Ion Ratio Lower Upper

63 100

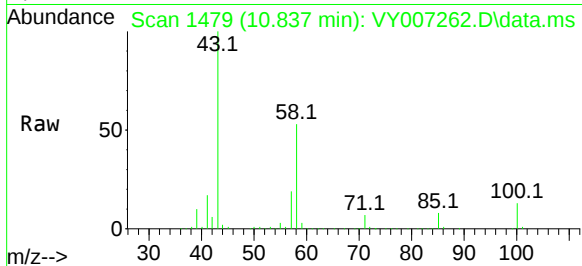
106 28.6 23.3 34.9





#59
2-Hexanone
Concen: 264.237 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY007262.D
Acq: 21 Jan 2022 18:49

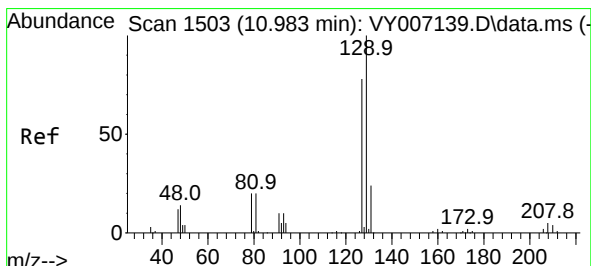
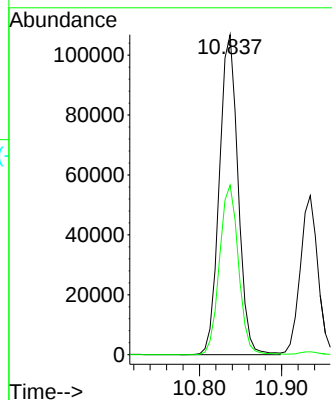
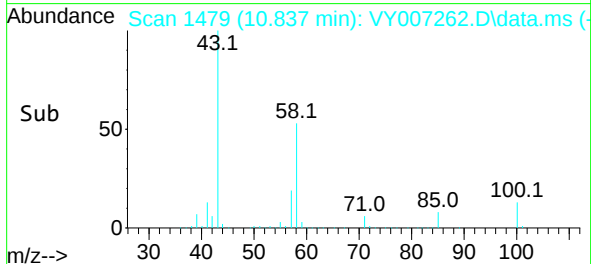
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



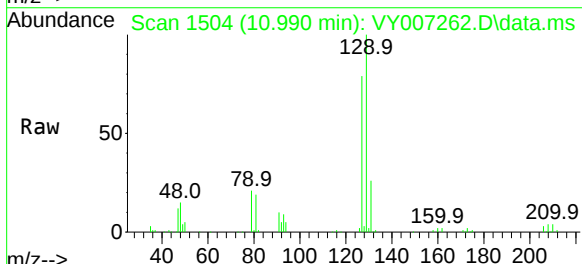
Tgt Ion: 43 Resp: 16932
Ion Ratio Lower Upper
43 100
58 53.5 28.4 85.3

Manual Integrations
APPROVED

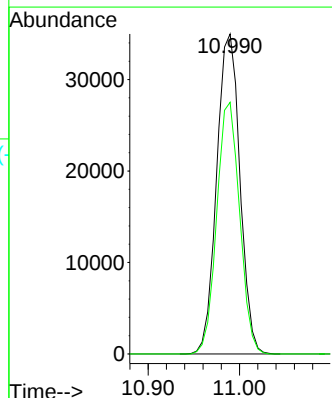
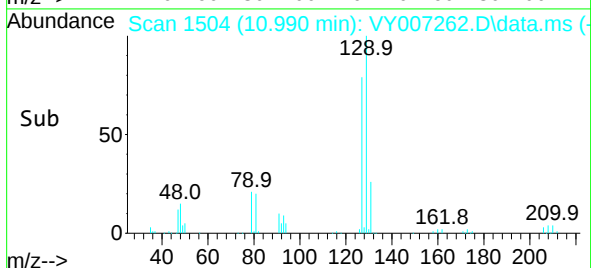
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022

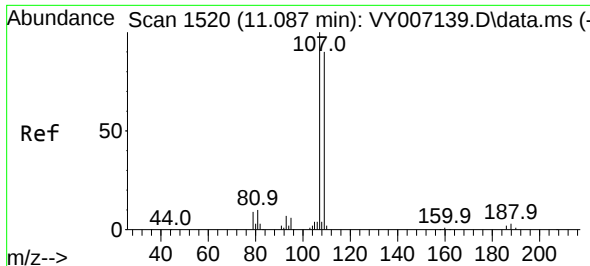


#60
Dibromochloromethane
Concen: 49.595 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.007 min
Lab File: VY007262.D
Acq: 21 Jan 2022 18:49



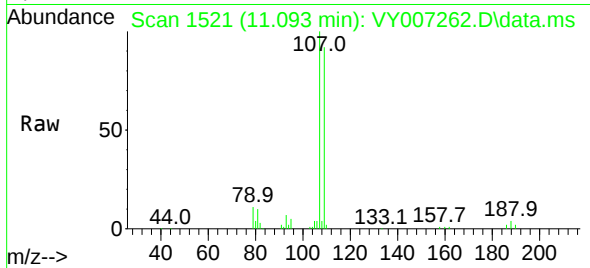
Tgt Ion:129 Resp: 61861
Ion Ratio Lower Upper
129 100
127 77.3 38.9 116.6





#61
1,2-Dibromoethane
Concen: 49.488 ug/l
RT: 11.093 min Scan# 11093
Delta R.T. 0.006 min
Lab File: VY007262.D
Acq: 21 Jan 2022 18:49

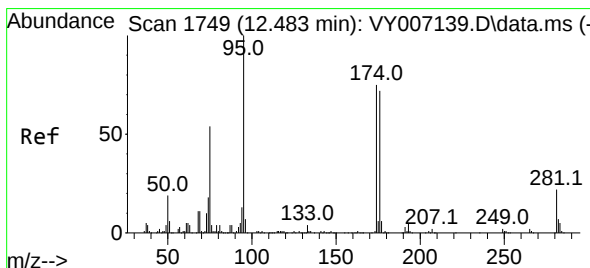
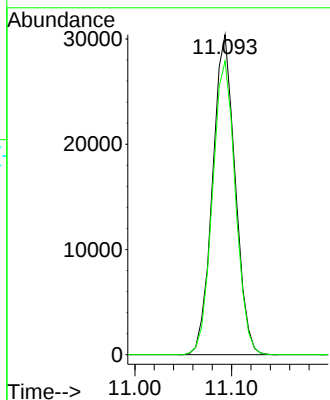
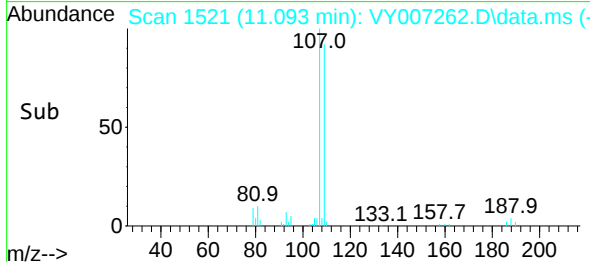
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



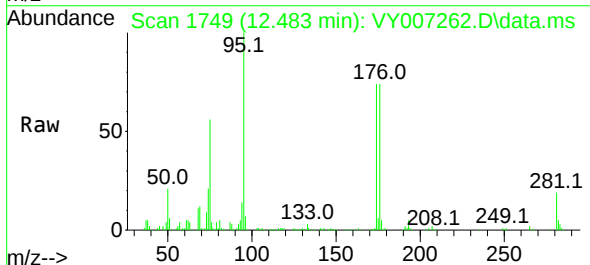
Tgt Ion:107 Resp: 49330
Ion Ratio Lower Upper
107 100
109 93.2 75.4 113.0

Manual Integrations
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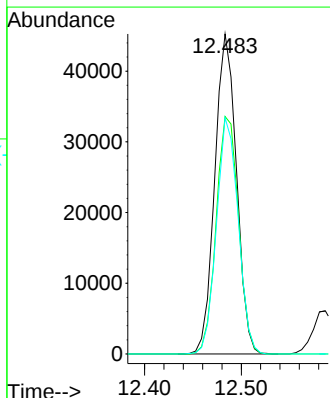
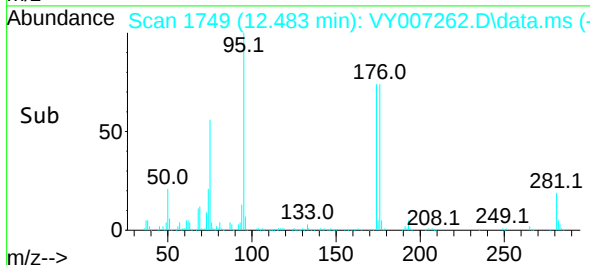
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022

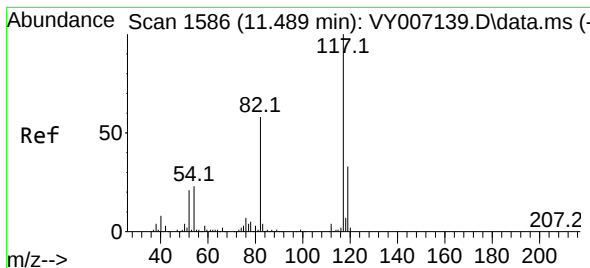


#62
4-Bromofluorobenzene
Concen: 46.348 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007262.D
Acq: 21 Jan 2022 18:49



Tgt Ion: 95 Resp: 70339
Ion Ratio Lower Upper
95 100
174 76.6 0.0 148.4
176 73.6 0.0 146.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY007262.D

Acq: 21 Jan 2022 18:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

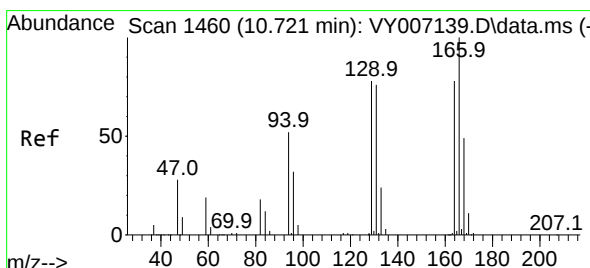
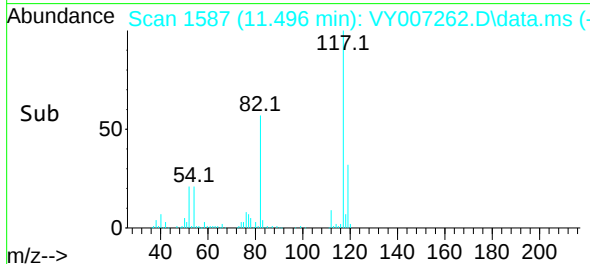
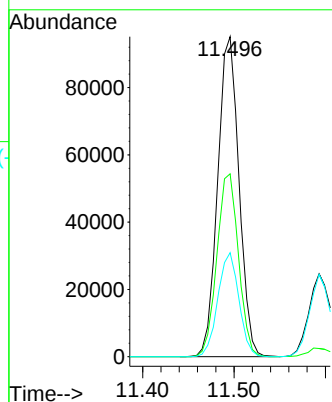
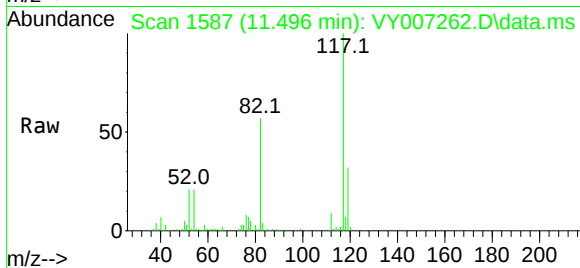
Tgt Ion:	117	Resp:	15415
Ion Ratio	Lower	Upper	
117	100		
82	57.2	45.4	68.0
119	32.5	26.4	39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2022

Supervised By :Mahesh Dadoda 01/24/2022



#64

Tetrachloroethene

Concen: 46.955 ug/l

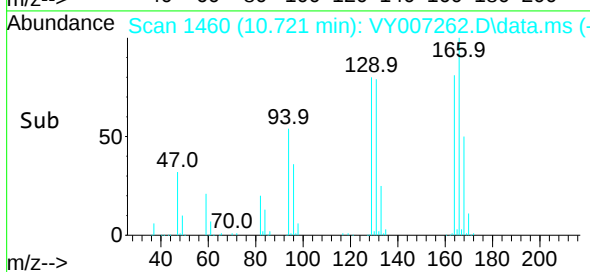
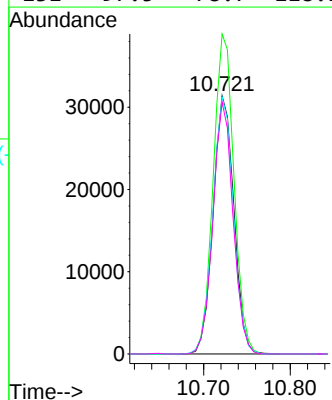
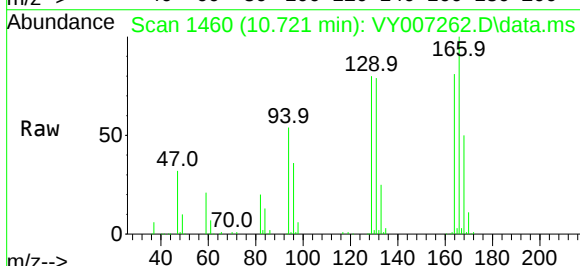
RT: 10.721 min Scan# 1460

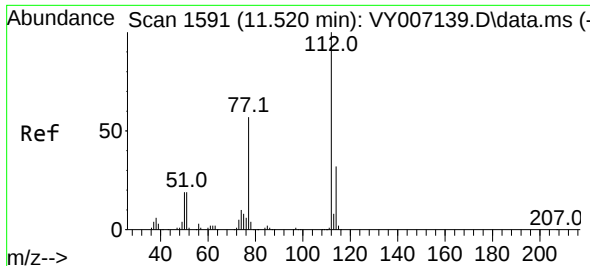
Delta R.T. 0.000 min

Lab File: VY007262.D

Acq: 21 Jan 2022 18:49

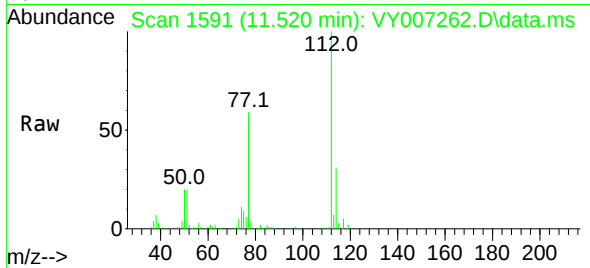
Tgt Ion:	164	Resp:	52174
Ion Ratio	Lower	Upper	
164	100		
166	124.0	102.6	154.0
129	99.5	84.6	127.0
131	97.5	78.7	118.1





#65
Chlorobenzene
Concen: 47.525 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY007262.D
Acq: 21 Jan 2022 18:49

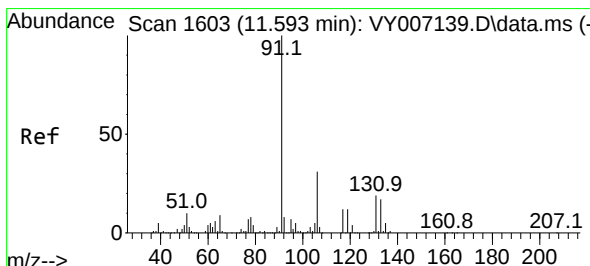
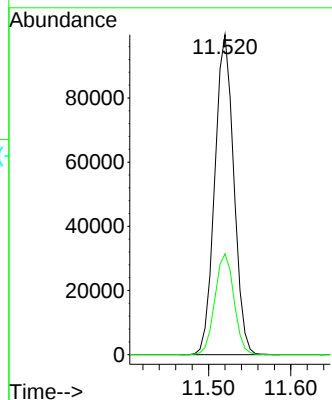
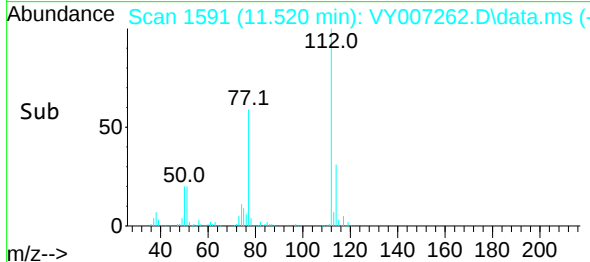
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



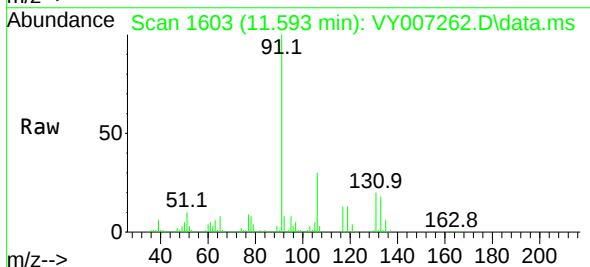
Tgt Ion:112 Resp: 16019
Ion Ratio Lower Upper
112 100
114 31.5 25.1 37.7

Manual Integrations
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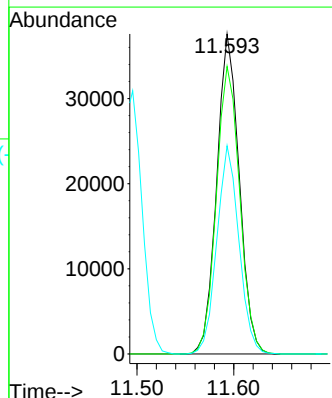
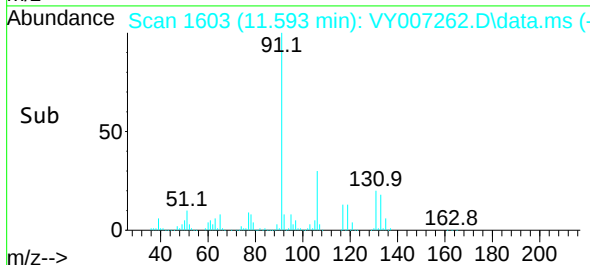
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022

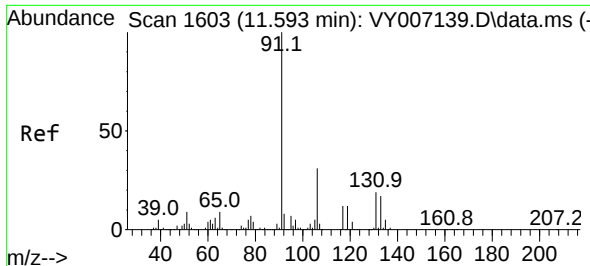


#66
1,1,1,2-Tetrachloroethane
Concen: 48.558 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY007262.D
Acq: 21 Jan 2022 18:49



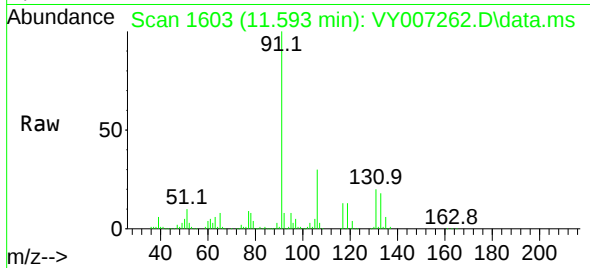
Tgt Ion:131 Resp: 60673
Ion Ratio Lower Upper
131 100
133 93.4 47.5 142.5
119 64.0 32.6 97.7





#67
Ethyl Benzene
Concen: 47.488 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY007262.D
Acq: 21 Jan 2022 18:49

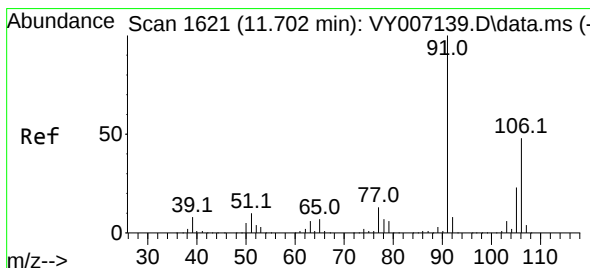
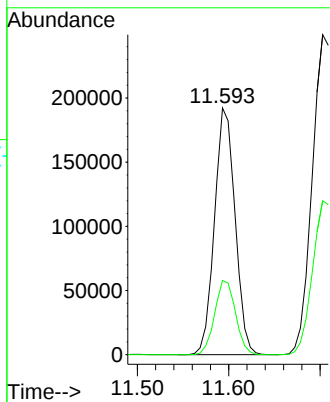
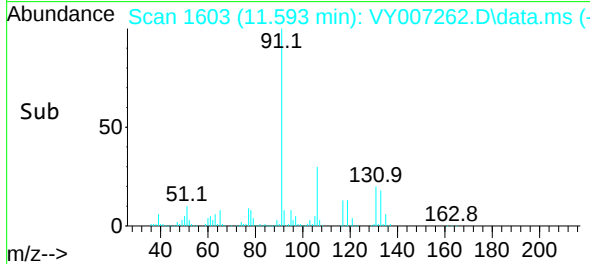
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



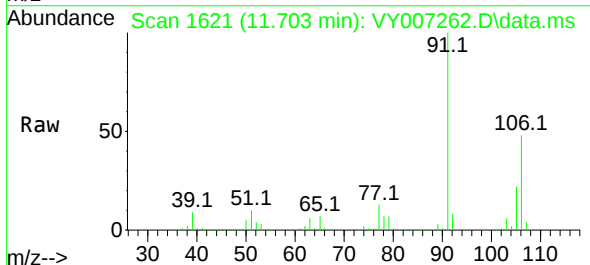
Tgt Ion: 91 Resp: 300850
Ion Ratio Lower Upper
91 100
106 30.1 23.9 35.9

Manual Integrations
APPROVED

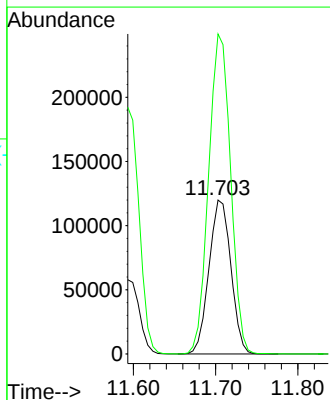
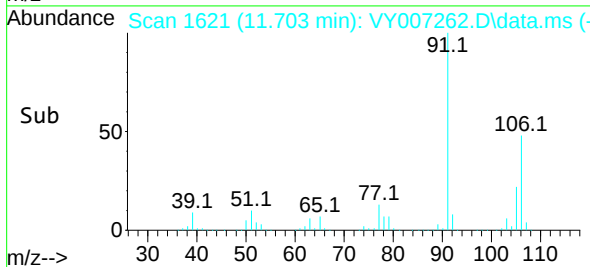
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022

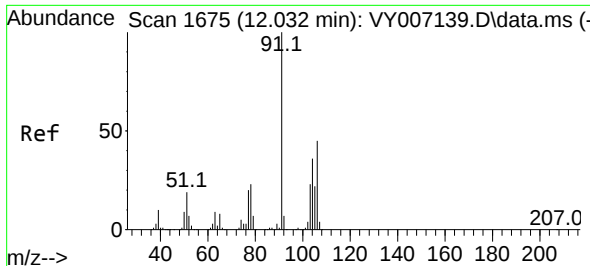


#68
m/p-Xylenes
Concen: 94.435 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY007262.D
Acq: 21 Jan 2022 18:49



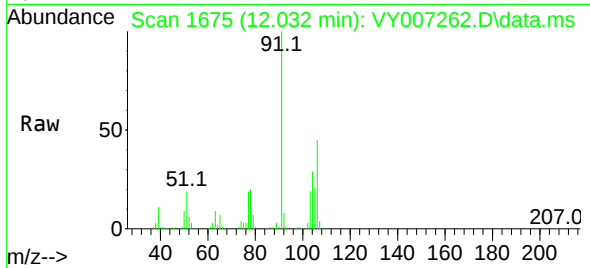
Tgt Ion:106 Resp: 222330
Ion Ratio Lower Upper
106 100
91 208.4 167.1 250.7





#69
o-Xylene
Concen: 47.226 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY007262.D
Acq: 21 Jan 2022 18:49

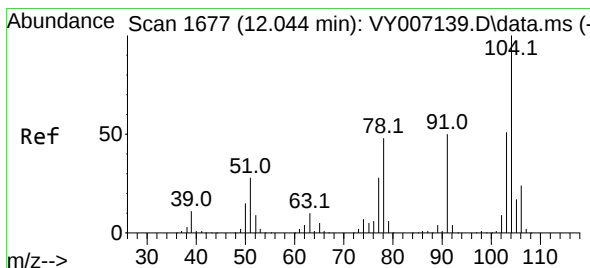
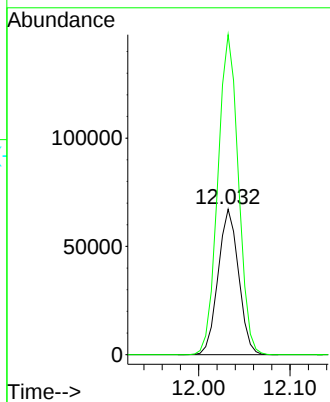
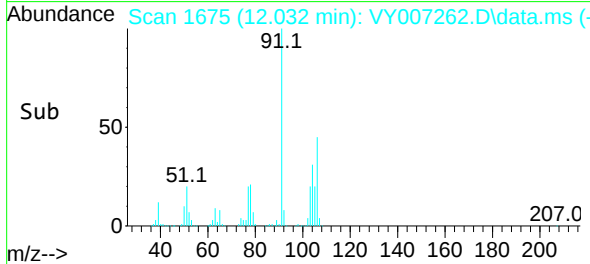
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 104700
Ion Ratio Lower Upper
106 100
91 220.9 109.9 329.6

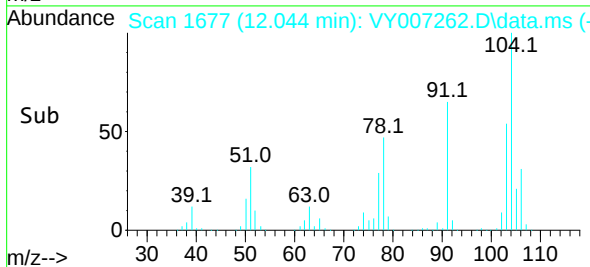
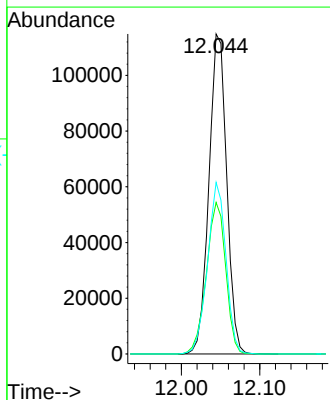
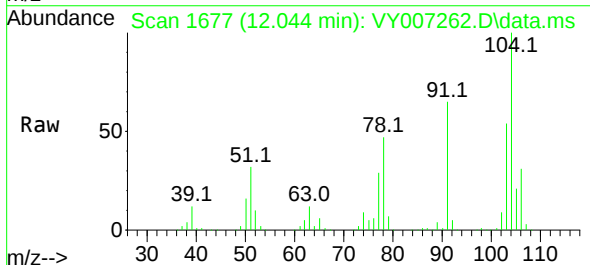
Manual Integrations
APPROVED

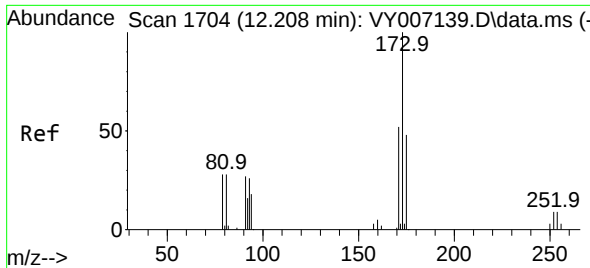
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#70
Styrene
Concen: 48.342 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY007262.D
Acq: 21 Jan 2022 18:49

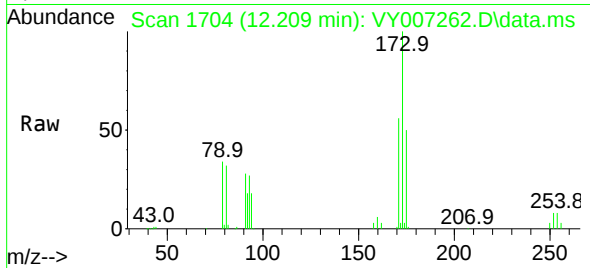
Tgt Ion:104 Resp: 180809
Ion Ratio Lower Upper
104 100
78 51.4 41.4 62.0
103 55.8 44.2 66.2





#71
Bromoform
Concen: 49.298 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY007262.D
Acq: 21 Jan 2022 18:49

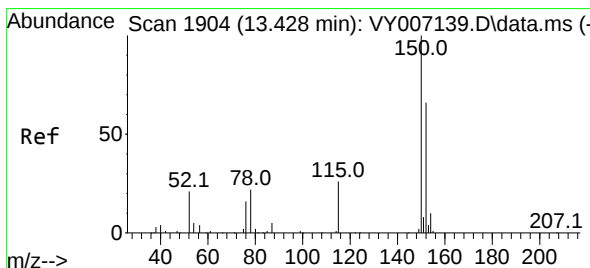
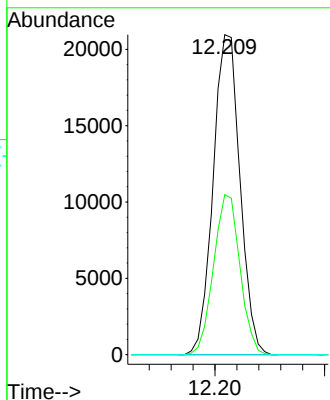
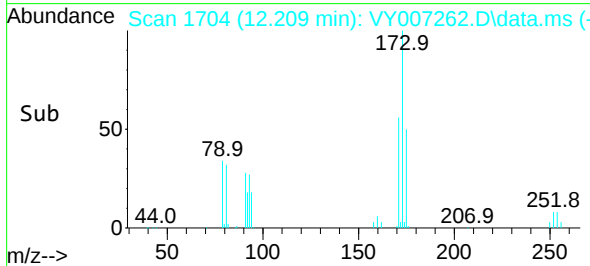
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



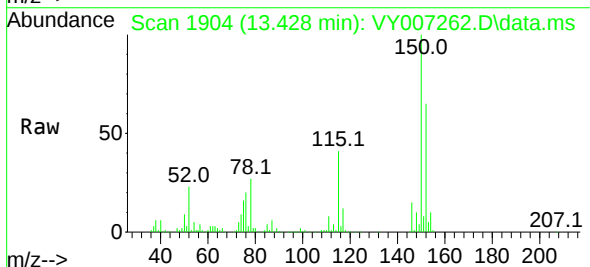
Tgt Ion:173 Resp: 35630
Ion Ratio Lower Upper
173 100
175 49.1 24.8 74.3
254 0.0 0.0 0.0

Manual Integrations
APPROVED

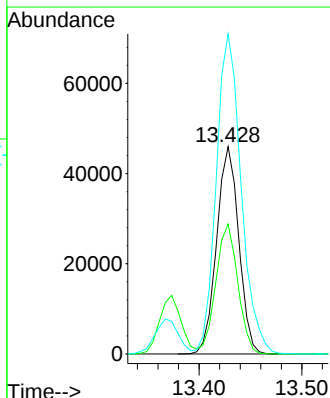
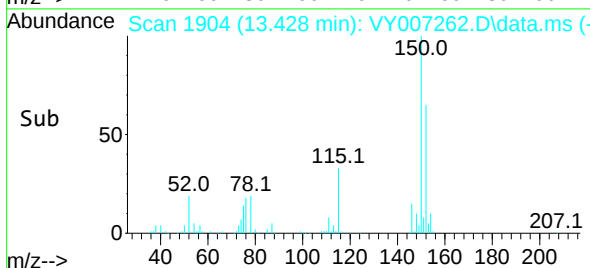
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022

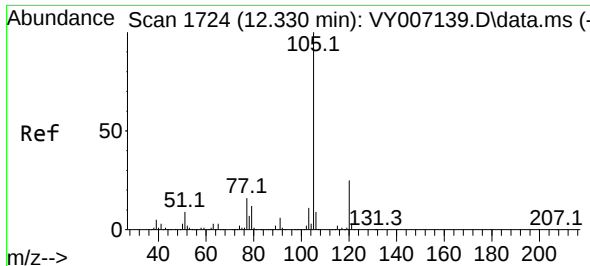


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY007262.D
Acq: 21 Jan 2022 18:49



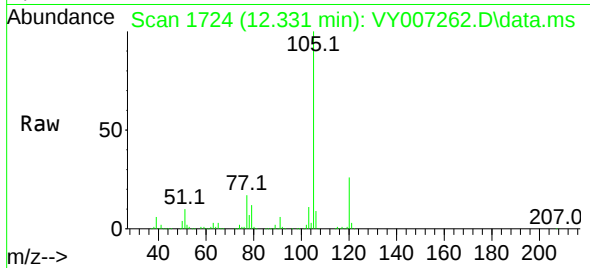
Tgt Ion:152 Resp: 68694
Ion Ratio Lower Upper
152 100
115 62.1 31.4 94.0
150 173.9 0.0 348.4





#73
Isopropylbenzene
Concen: 47.355 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007262.D
Acq: 21 Jan 2022 18:49

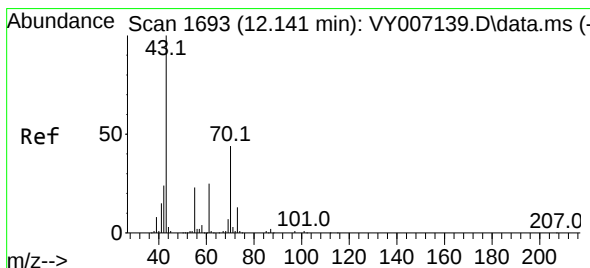
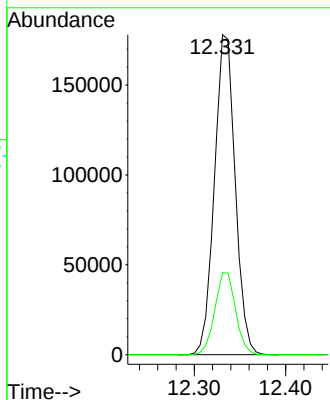
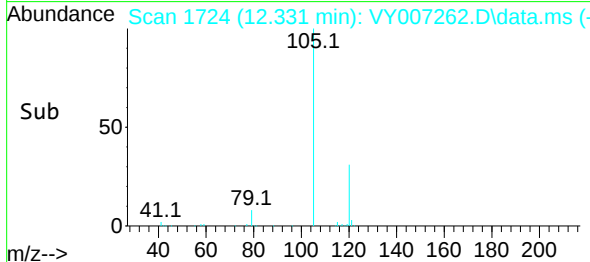
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 28096
Ion Ratio Lower Upper
105 100
120 25.7 13.1 39.1

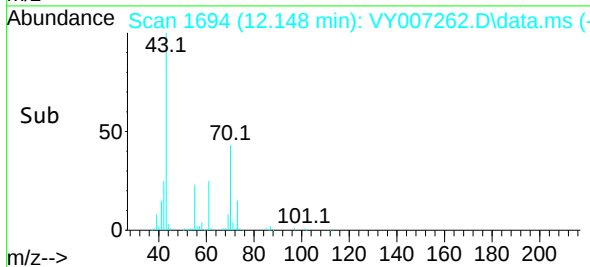
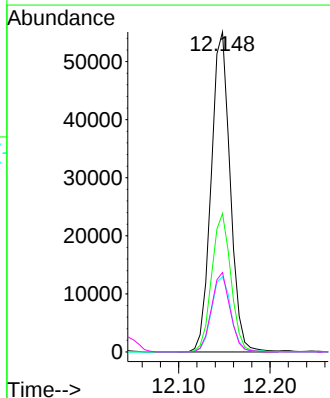
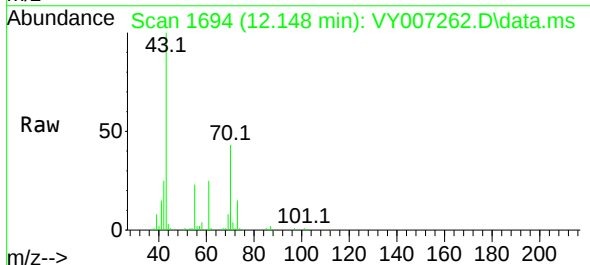
Manual Integrations
APPROVED

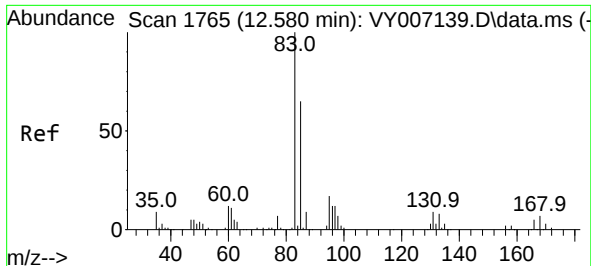
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#74
N-ethyl acetate
Concen: 50.132 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY007262.D
Acq: 21 Jan 2022 18:49

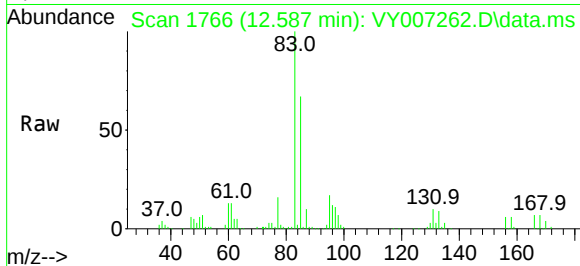
Tgt Ion: 43 Resp: 79539
Ion Ratio Lower Upper
43 100
70 43.7 36.2 54.4
55 24.1 19.0 28.4
61 24.4 20.4 30.6





#75
1,1,2,2-Tetrachloroethane
Concen: 49.829 ug/l
RT: 12.587 min Scan# 1765
Delta R.T. 0.006 min
Lab File: VY007262.D
Acq: 21 Jan 2022 18:49

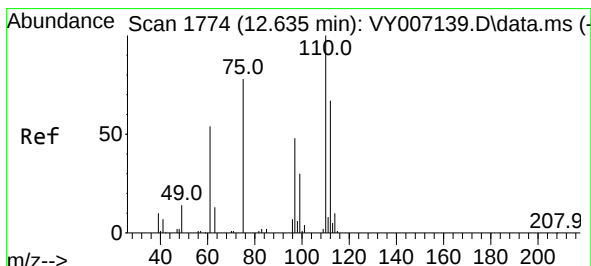
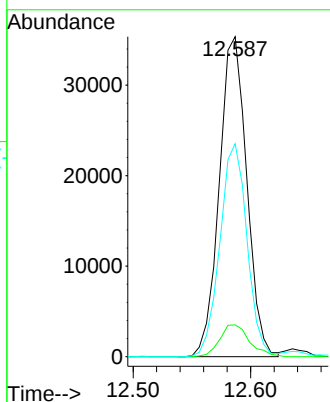
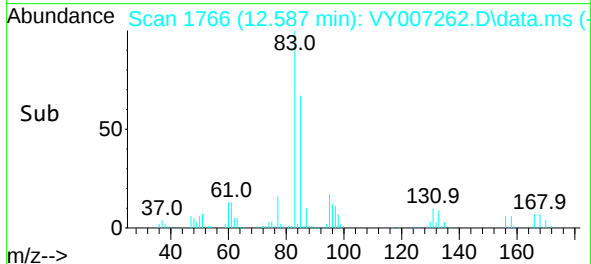
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



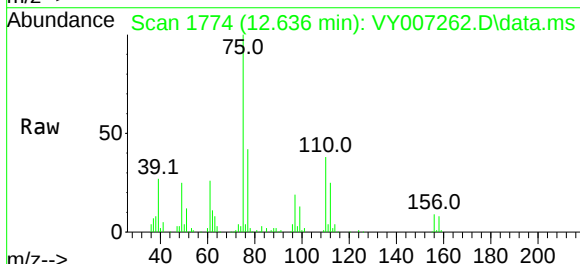
Tgt Ion: 83 Resp: 57489
Ion Ratio Lower Upper
83 100
131 10.8 5.3 16.1
85 65.6 32.4 97.2

Manual Integrations
APPROVED

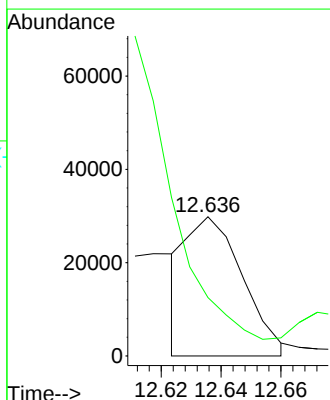
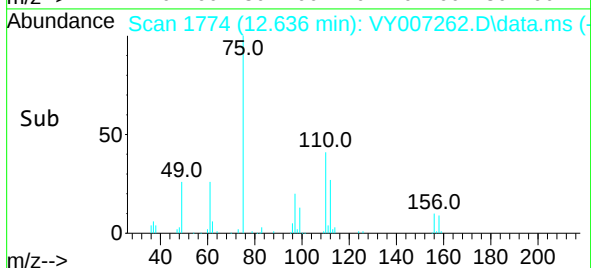
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022

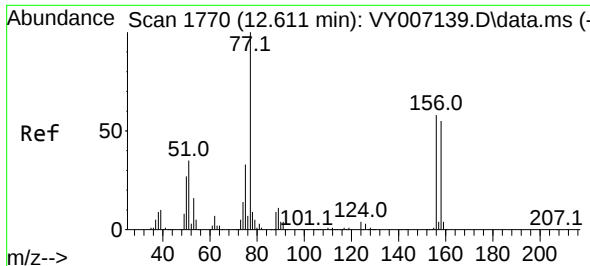


#76
1,2,3-Trichloropropane
Concen: 50.288 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY007262.D
Acq: 21 Jan 2022 18:49



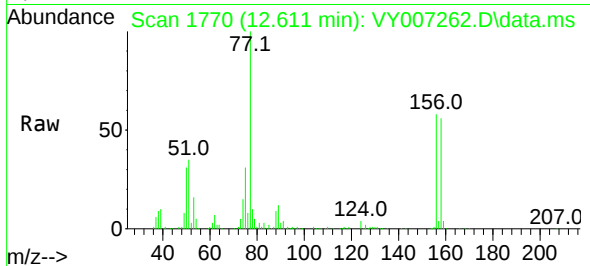
Tgt Ion: 75 Resp: 39390
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 49.150 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY007262.D
Acq: 21 Jan 2022 18:49

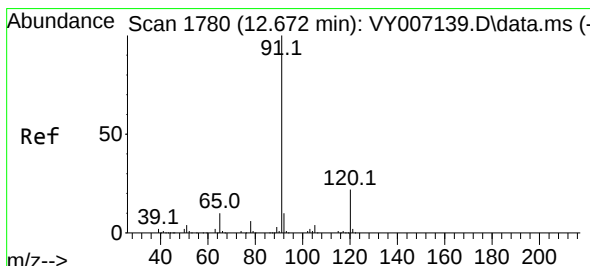
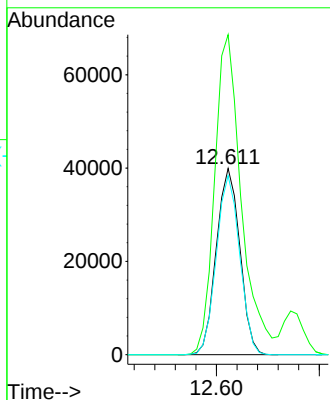
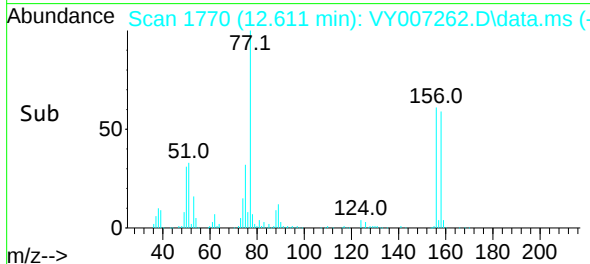
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



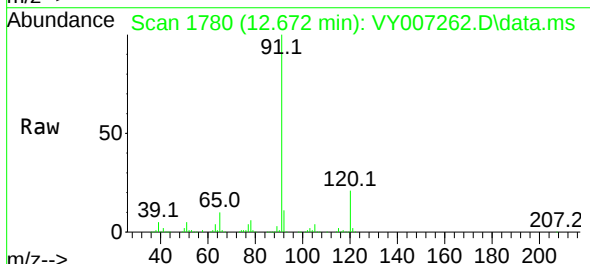
Tgt Ion: 156 Resp: 6345
Ion Ratio Lower Upper
156 100
77 194.3 98.7 296.1
158 95.1 48.4 145.2

Manual Integrations
APPROVED

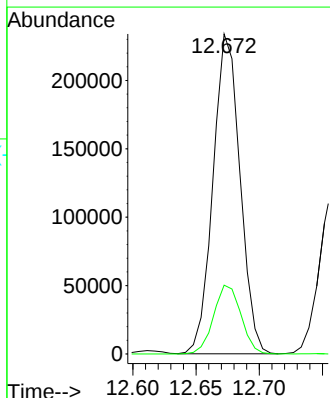
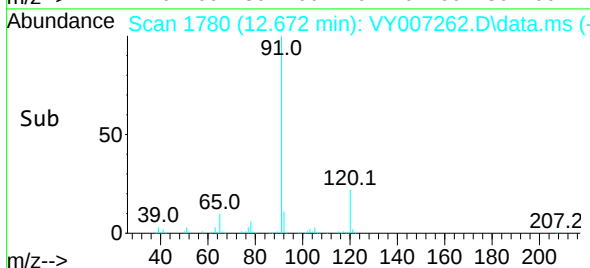
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022

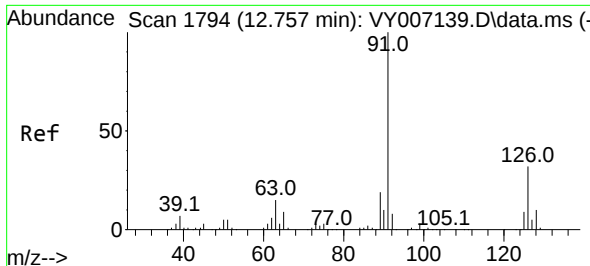


#78
n-propylbenzene
Concen: 47.174 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY007262.D
Acq: 21 Jan 2022 18:49



Tgt Ion: 91 Resp: 346963
Ion Ratio Lower Upper
91 100
120 21.8 11.2 33.5





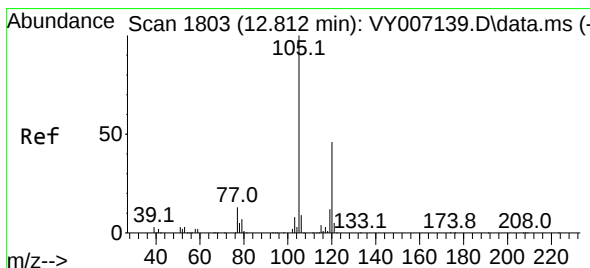
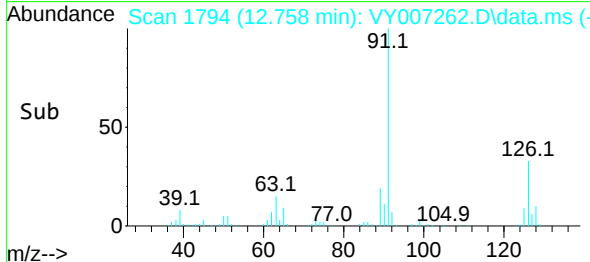
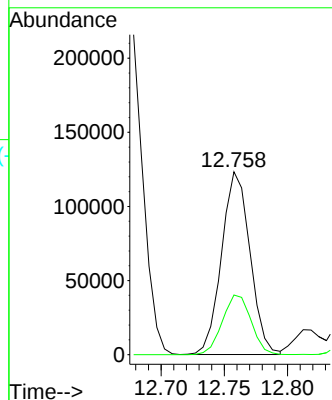
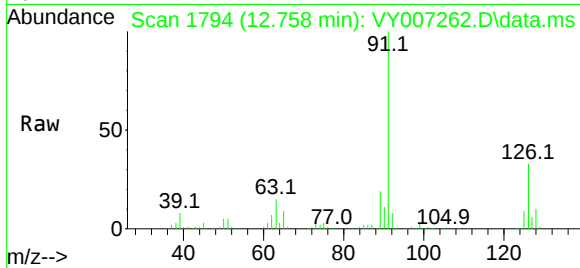
#79
2-Chlorotoluene
Concen: 47.283 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007262.D
Acq: 21 Jan 2022 18:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 193358
Ion Ratio Lower Upper
91 100
126 33.0 16.4 49.1

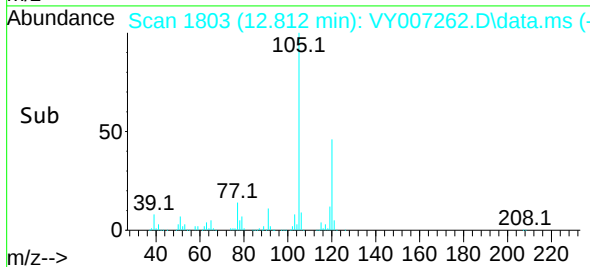
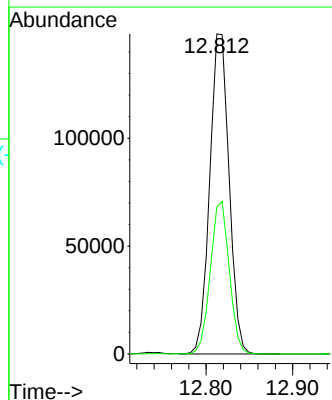
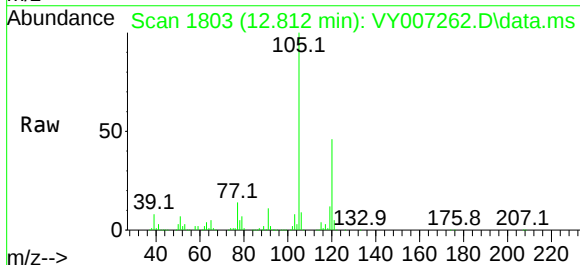
Manual Integrations
APPROVED

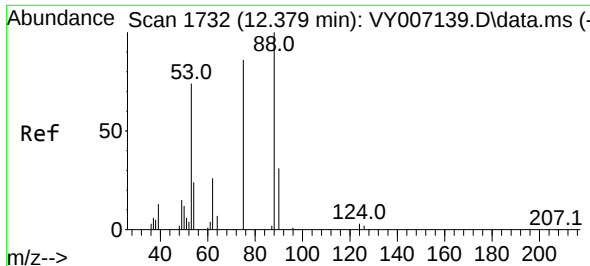
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#80
1,3,5-Trimethylbenzene
Concen: 47.252 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY007262.D
Acq: 21 Jan 2022 18:49

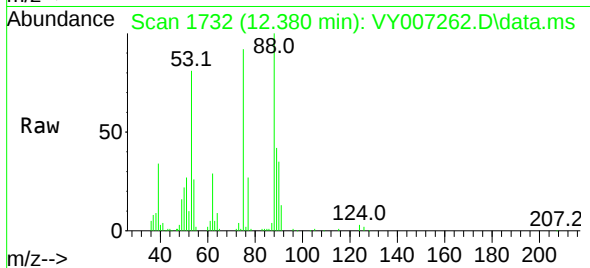
Tgt Ion:105 Resp: 230194
Ion Ratio Lower Upper
105 100
120 46.7 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 50.928 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY007262.D
Acq: 21 Jan 2022 18:49

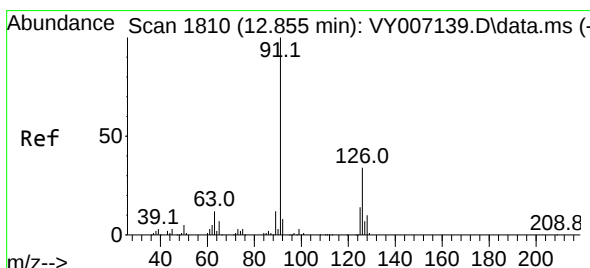
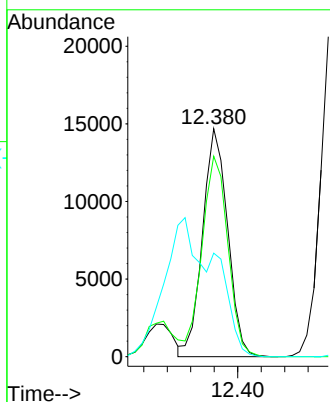
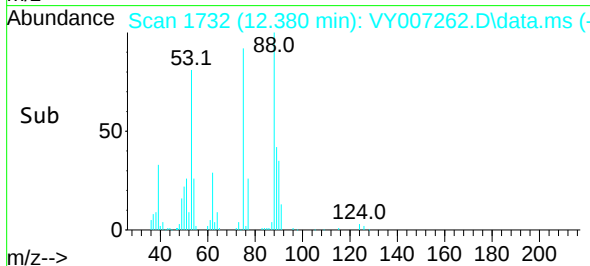
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 21790
Ion Ratio Lower Upper
75 100
53 90.1 73.9 110.9
89 0.0 0.0 0.0

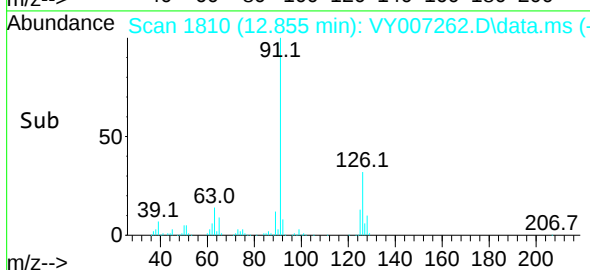
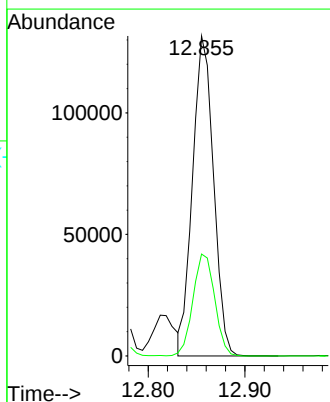
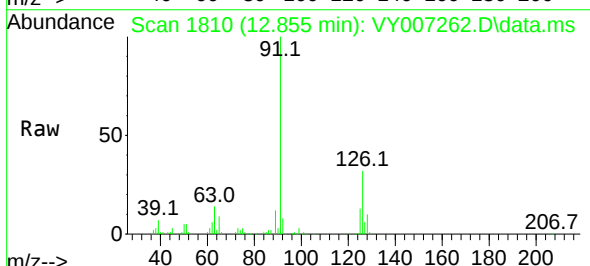
Manual Integrations
APPROVED

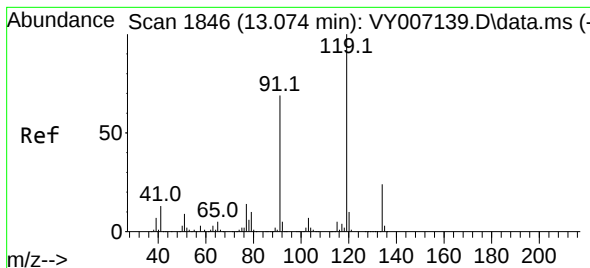
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#82
4-Chlorotoluene
Concen: 46.512 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY007262.D
Acq: 21 Jan 2022 18:49

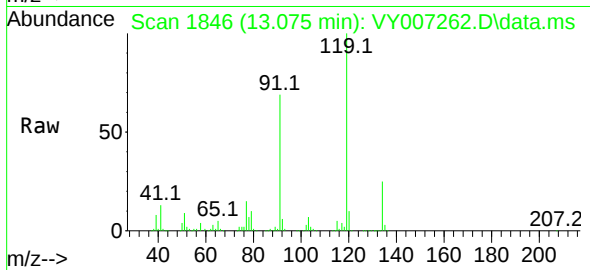
Tgt Ion: 91 Resp: 198409
Ion Ratio Lower Upper
91 100
126 33.1 16.3 48.9





#83
tert-Butylbenzene
Concen: 48.517 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY007262.D
Acq: 21 Jan 2022 18:49

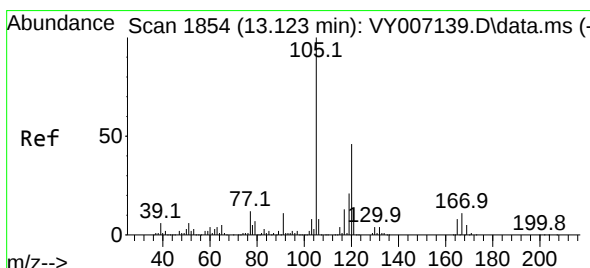
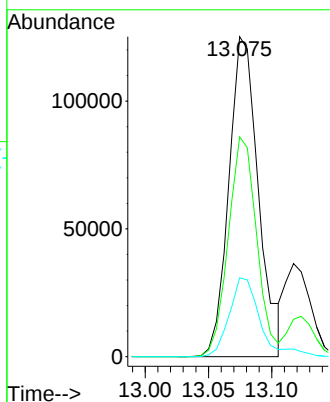
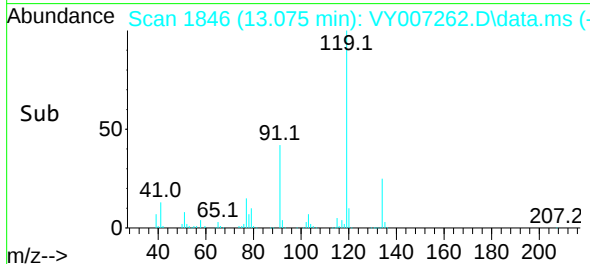
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



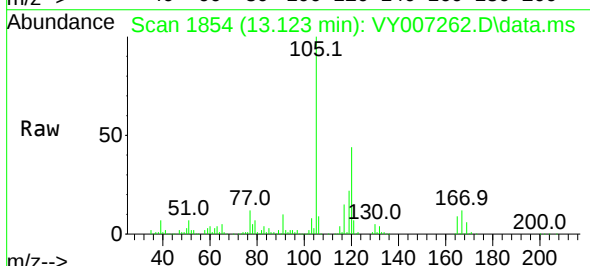
Tgt Ion:119 Resp: 204229
Ion Ratio Lower Upper
119 100
91 65.8 33.1 99.5
134 25.7 12.9 38.7

Manual Integrations
APPROVED

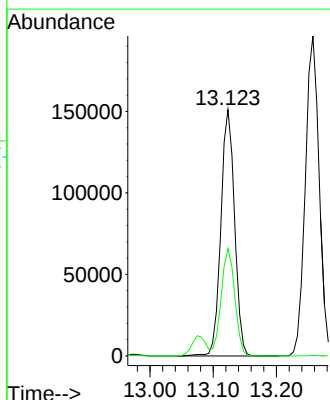
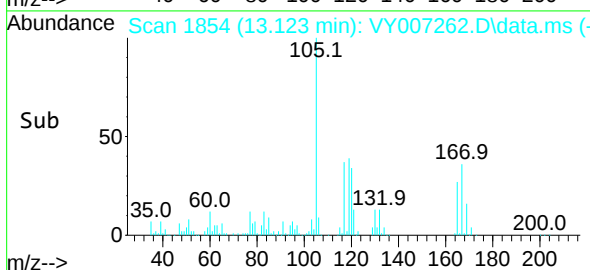
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022

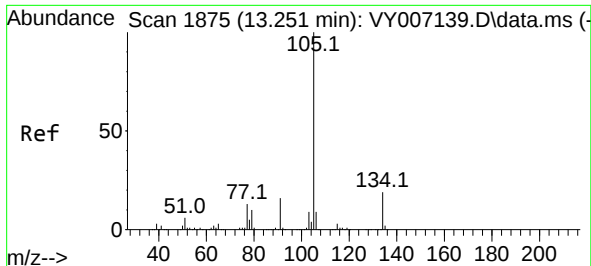


#84
1,2,4-Trimethylbenzene
Concen: 46.817 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY007262.D
Acq: 21 Jan 2022 18:49



Tgt Ion:105 Resp: 226070
Ion Ratio Lower Upper
105 100
120 43.5 21.6 64.6





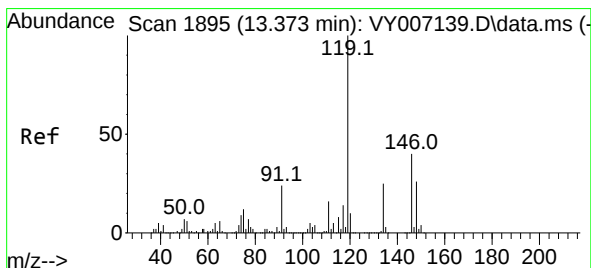
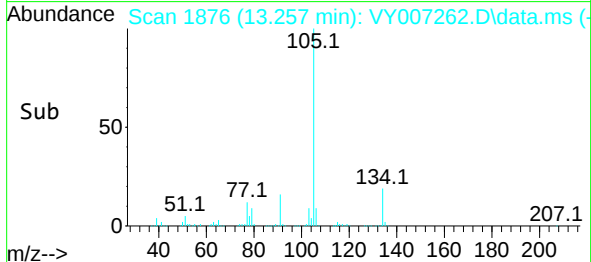
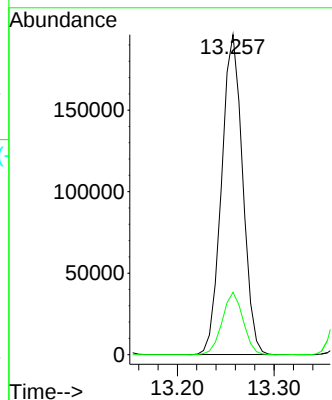
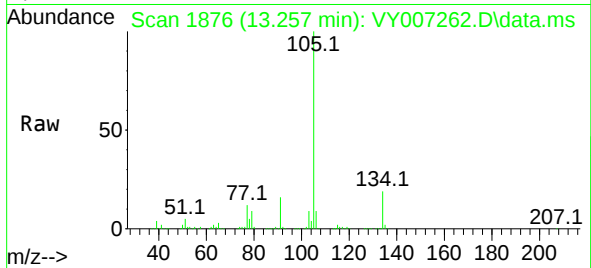
#85
 sec-Butylbenzene
 Concen: 47.081 ug/l
 RT: 13.257 min Scan# 1875
 Delta R.T. 0.006 min
 Lab File: VY007262.D
 Acq: 21 Jan 2022 18:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 296492
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.9 29.7

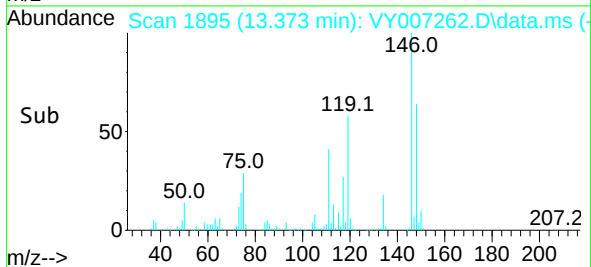
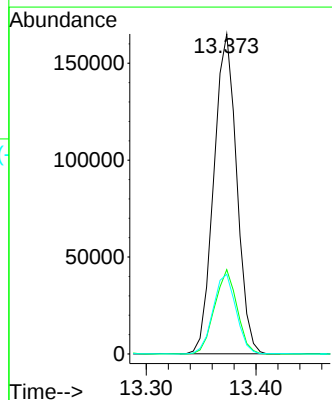
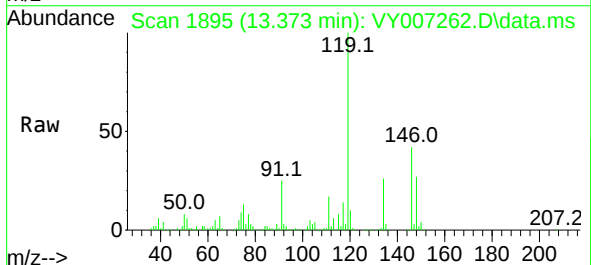
Manual Integrations
 APPROVED

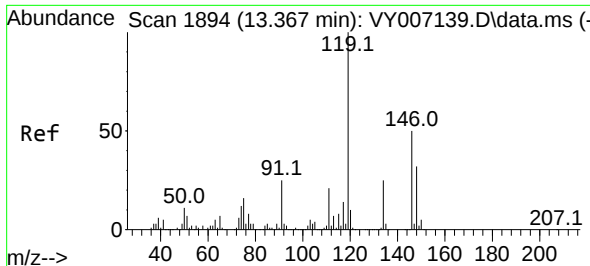
Reviewed By :John Carlone 01/24/2022
 Supervised By :Mahesh Dadoda 01/24/2022



#86
 p-Isopropyltoluene
 Concen: 46.317 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY007262.D
 Acq: 21 Jan 2022 18:49

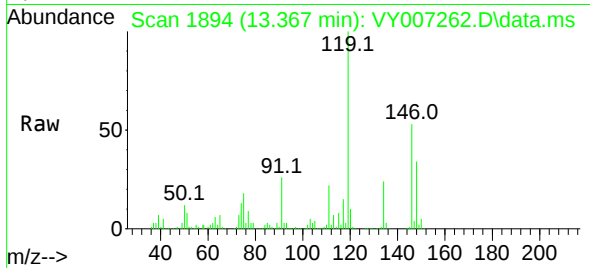
Tgt Ion:119 Resp: 239697
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.9 38.7
 91 25.2 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 47.002 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY007262.D
Acq: 21 Jan 2022 18:49

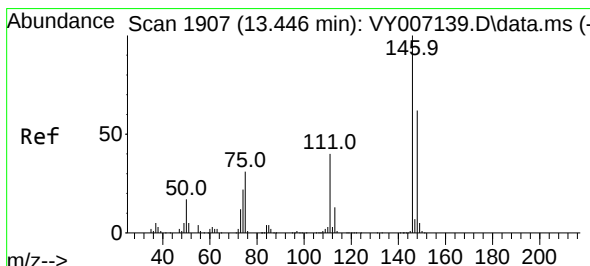
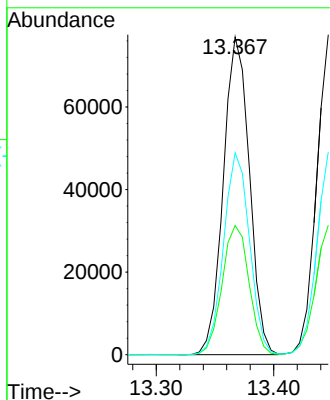
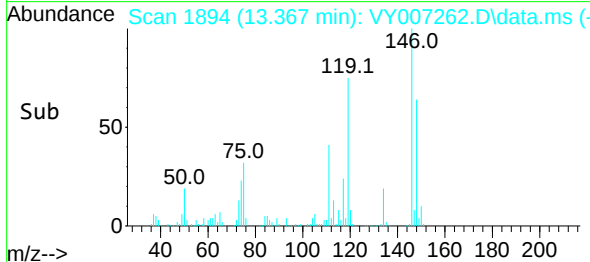
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



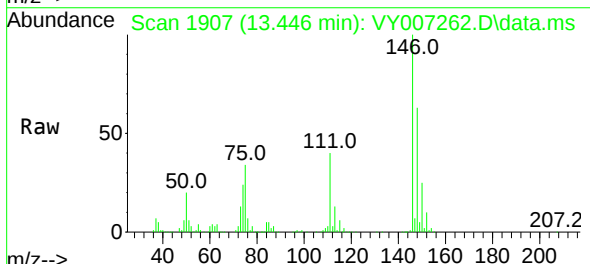
Tgt Ion:146 Resp: 118772
Ion Ratio Lower Upper
146 100
111 42.0 21.1 63.1
148 63.3 31.9 95.7

Manual Integrations
APPROVED

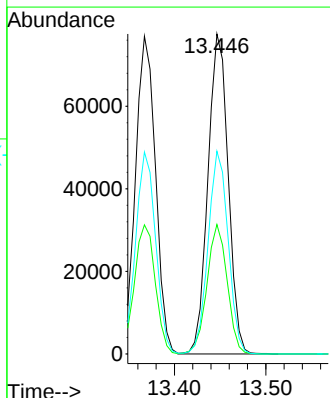
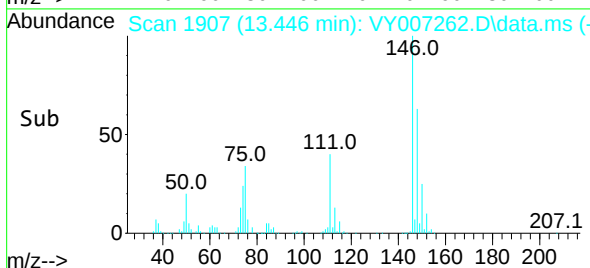
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022

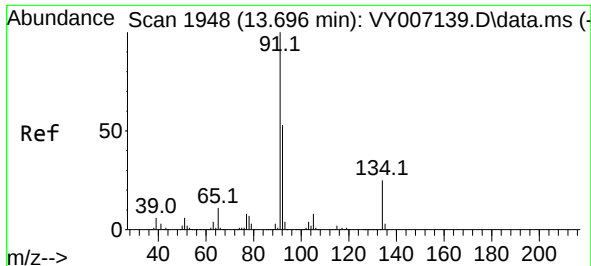


#88
1,4-Dichlorobenzene
Concen: 46.851 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY007262.D
Acq: 21 Jan 2022 18:49



Tgt Ion:146 Resp: 119046
Ion Ratio Lower Upper
146 100
111 40.4 20.7 62.1
148 62.9 32.0 96.2





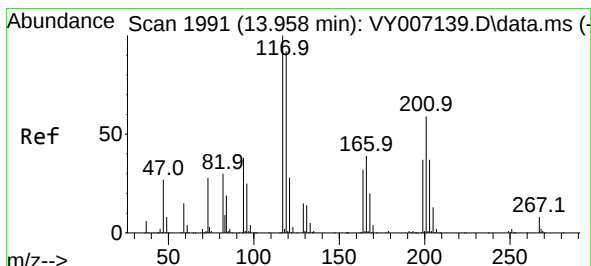
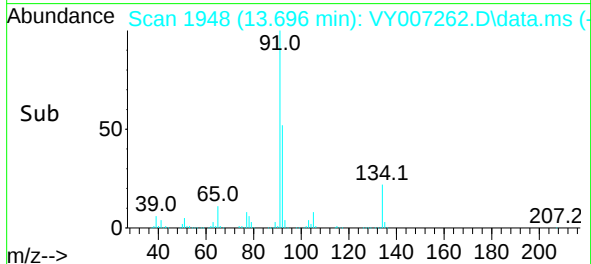
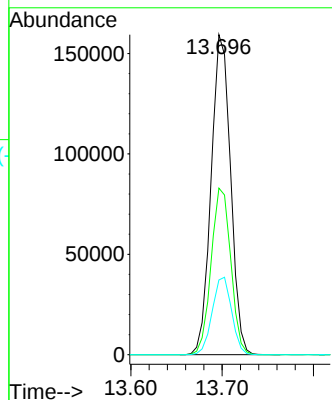
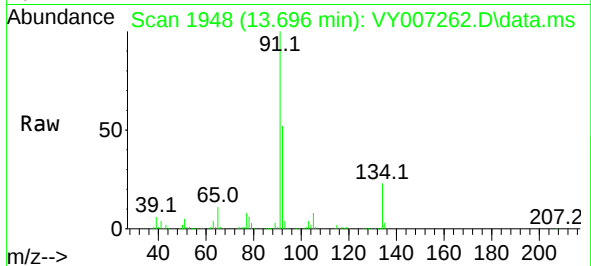
#89
n-Butylbenzene
Concen: 46.175 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY007262.D
Acq: 21 Jan 2022 18:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 23529
Ion Ratio Lower Upper
91 100
92 52.6 26.9 80.6
134 24.2 12.6 37.6

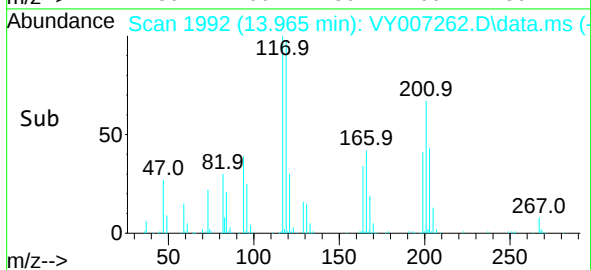
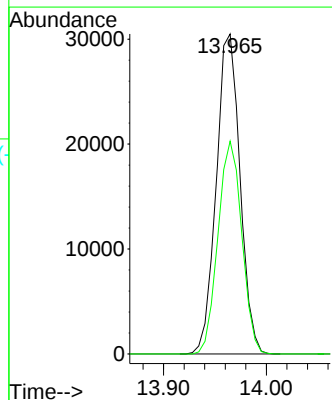
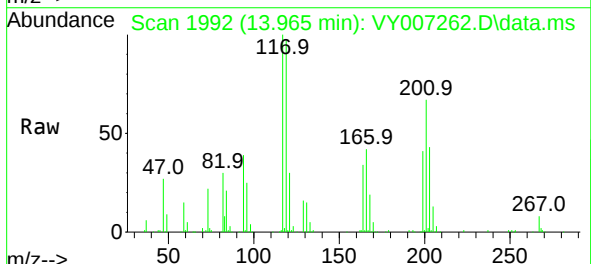
Manual Integrations
APPROVED

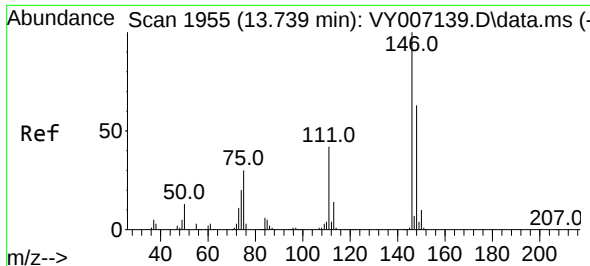
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#90
Hexachloroethane
Concen: 48.367 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY007262.D
Acq: 21 Jan 2022 18:49

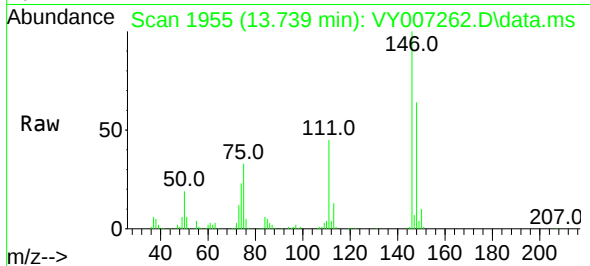
Tgt Ion:117 Resp: 48935
Ion Ratio Lower Upper
117 100
201 66.6 33.6 100.6





#91
1,2-Dichlorobenzene
Concen: 46.324 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY007262.D
Acq: 21 Jan 2022 18:49

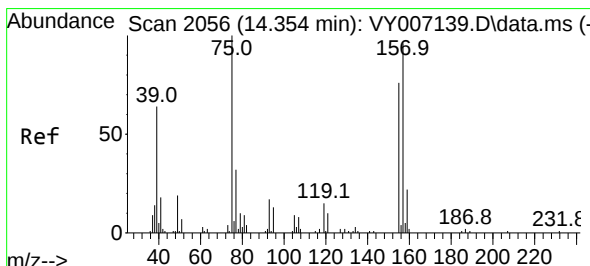
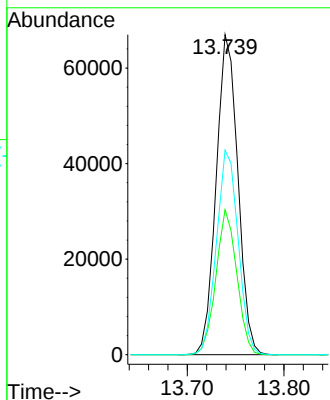
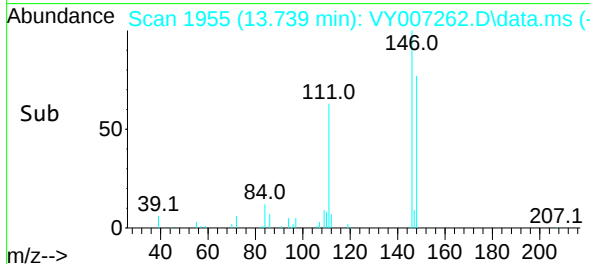
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



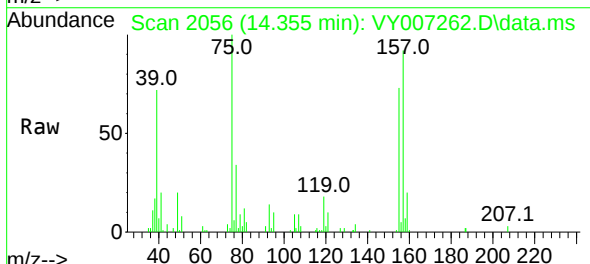
Tgt Ion:146 Resp: 104152
Ion Ratio Lower Upper
146 100
111 43.7 21.4 64.3
148 64.2 31.1 93.5

Manual Integrations
APPROVED

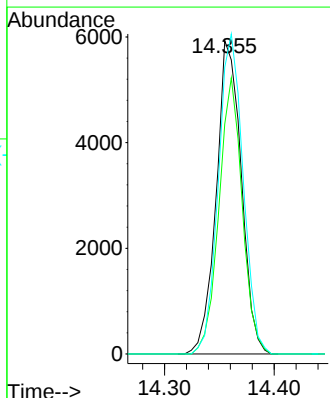
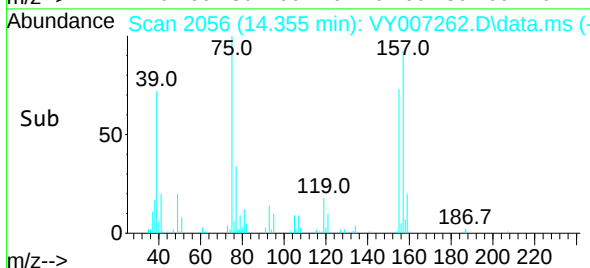
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022

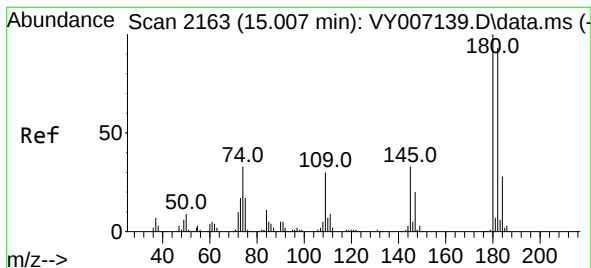


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.189 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY007262.D
Acq: 21 Jan 2022 18:49



Tgt Ion: 75 Resp: 9403
Ion Ratio Lower Upper
75 100
155 82.0 40.1 120.2
157 100.9 51.7 155.2





#93

1,2,4-Trichlorobenzene

Concen: 45.378 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY007262.D

Acq: 21 Jan 2022 18:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

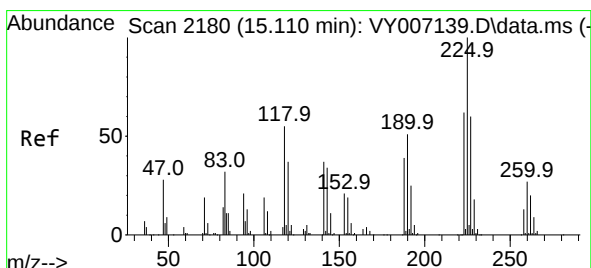
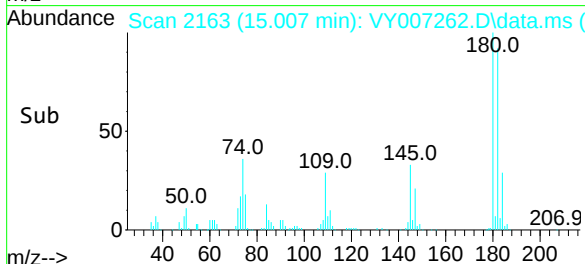
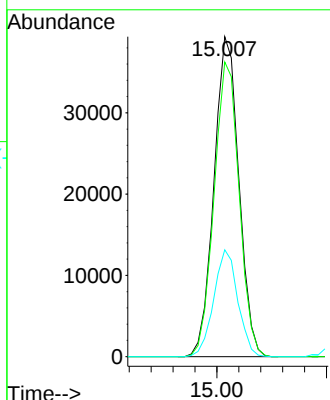
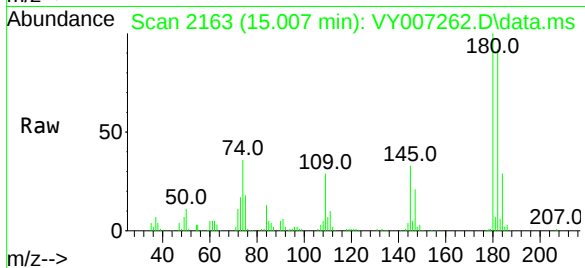
Tgt Ion:180	Resp: 62044
Ion Ratio	Lower Upper
180 100	
182 92.7	47.6 142.8
145 32.3	16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2022

Supervised By :Mahesh Dadoda 01/24/2022



#94

Hexachlorobutadiene

Concen: 44.670 ug/l

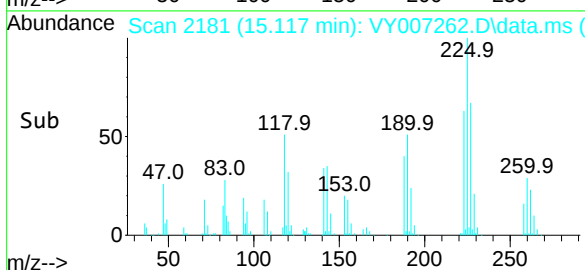
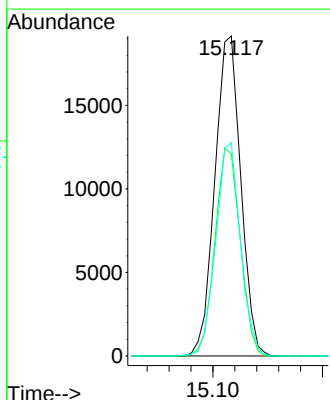
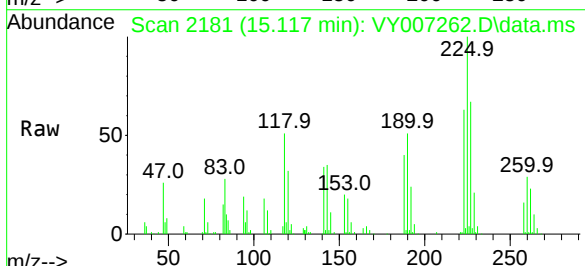
RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY007262.D

Acq: 21 Jan 2022 18:49

Tgt Ion:225	Resp: 31477
Ion Ratio	Lower Upper
225 100	
223 63.3	32.6 97.8
227 63.4	32.0 96.2





#95

Naphthalene

Concen: 47.391 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY007262.D

Acq: 21 Jan 2022 18:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

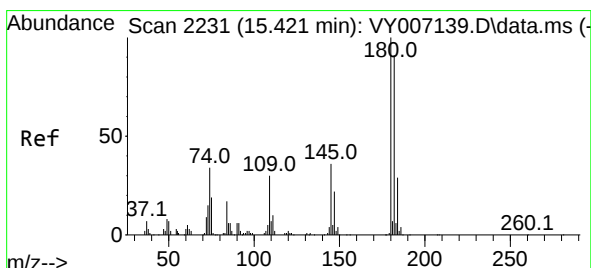
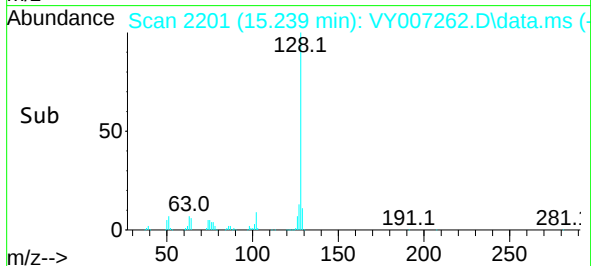
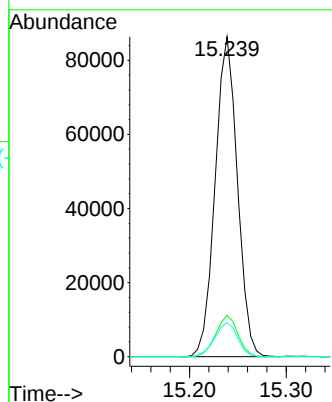
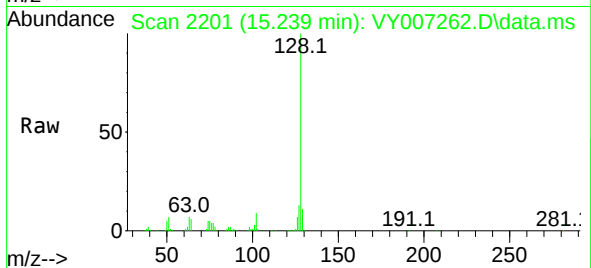
Tgt Ion:	128	Resp:	13762
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.3	15.5
129	10.8	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2022

Supervised By :Mahesh Dadoda 01/24/2022



#96

1,2,3-Trichlorobenzene

Concen: 44.412 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY007262.D

Acq: 21 Jan 2022 18:49

Tgt Ion:	180	Resp:	51805
Ion Ratio	Lower	Upper	
180	100		
182	97.2	47.3	141.8
145	35.6	17.2	51.5

