

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY043021\
 Data File : VY004686.D
 Acq On : 30 Apr 2021 14:42
 Operator : SY/MD
 Sample : M2202-01RE
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 290RE

Manual Integrations
 APPROVED

MMDadoda
 5/3/2021 2:50:17 PM

Quant Time: May 01 00:40:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	163889	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	299102	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	286102	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	132102	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	114761	63.02	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 126.04%			
35) Dibromofluoromethane	7.728	113	27839	16.77	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 33.54%#			
50) Toluene-d8	10.185	98	369815	52.38	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.76%			
62) 4-Bromofluorobenzene	12.483	95	128777	53.75	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 107.50%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.972	59	2285	12.73	ug/l #	78
16) Acetone	3.960	43	25876	51.70	ug/l	96
20) Methylene Chloride	4.728	84	14590	8.30	ug/l	92
24) 1,1-Dichloroethane	6.033	63	4791m	1.46	ug/l	
25) 2-Butanone	7.002	43	5894	8.50	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	9905	1.18	ug/l	95
86) p-Isopropyltoluene	13.373	119	15981	1.77	ug/l	90
95) Naphthalene	15.239	128	7562	1.39	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

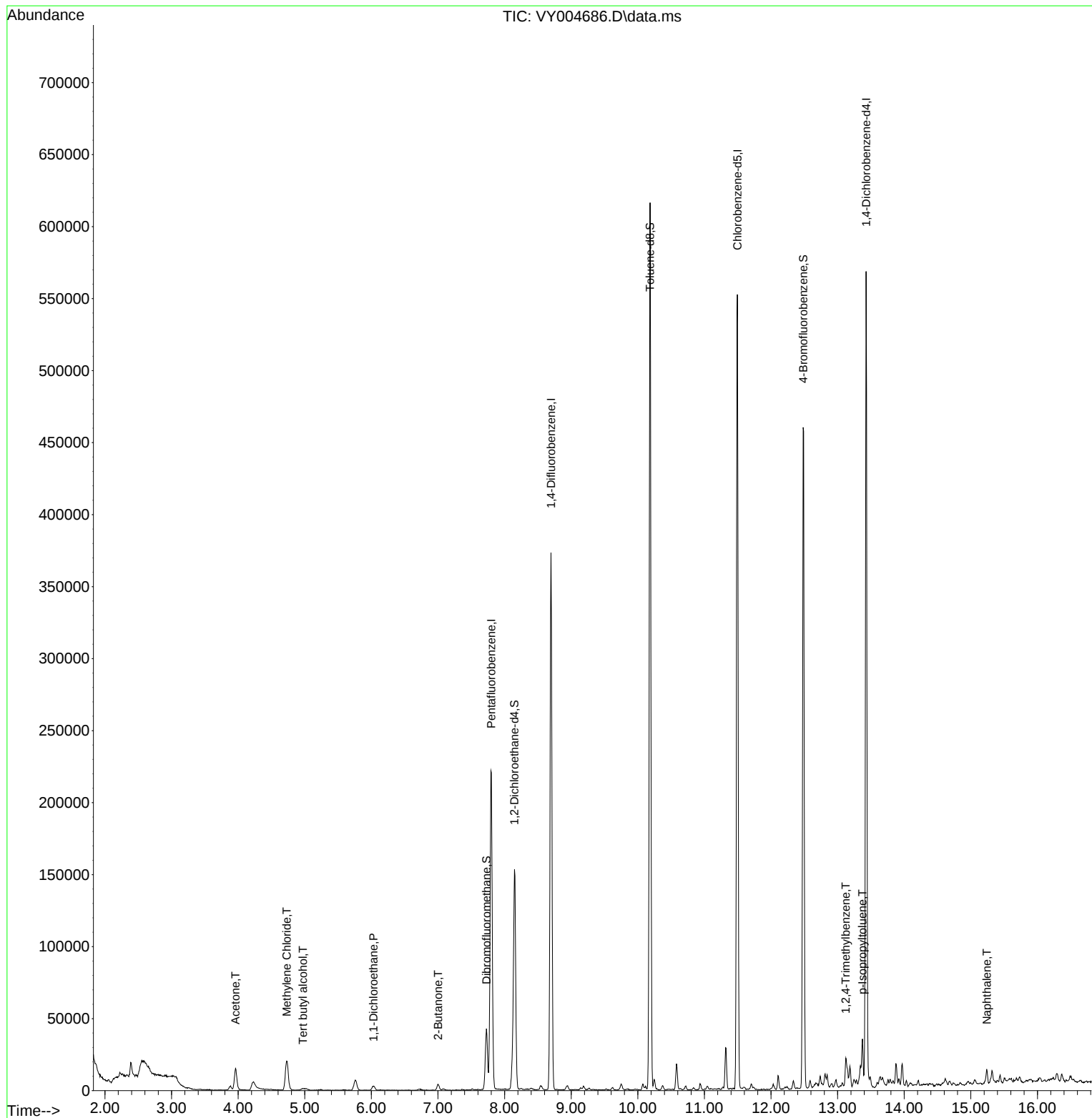
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY043021\
Data File : VY004686.D
Acq On : 30 Apr 2021 14:42
Operator : SY/MD
Sample : M2202-01RE
Misc : 5.02G/5ML/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

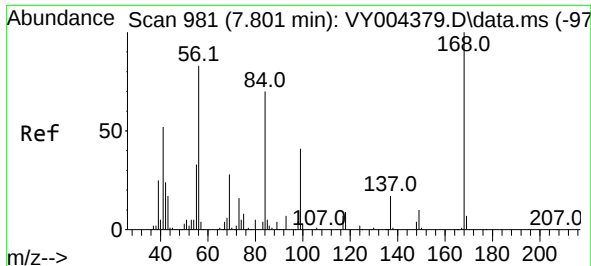
Instrument :
MSVOA_Y
ClientSampleId :
290RE

Manual Integrations
APPROVED

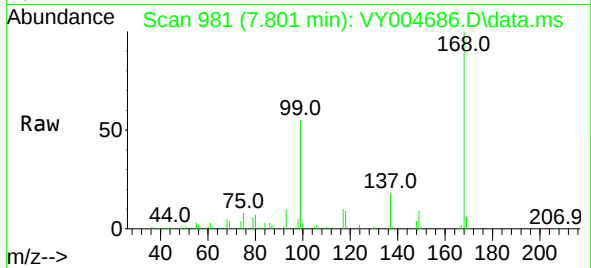
MMDadoda
5/3/2021 2:50:17 PM

Quant Time: May 01 00:40:02 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
Response via : Initial Calibration

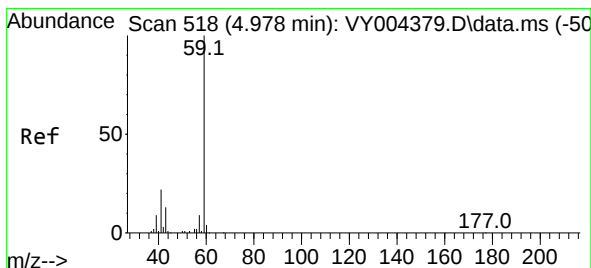
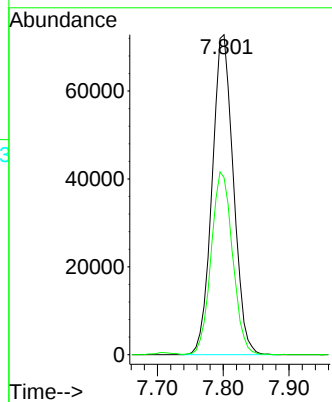
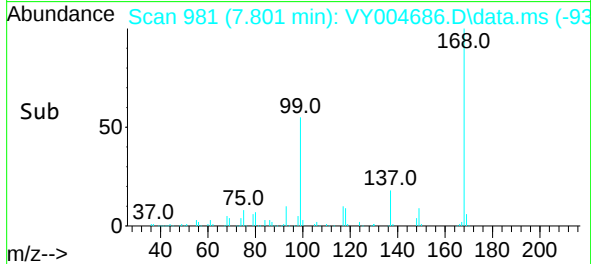




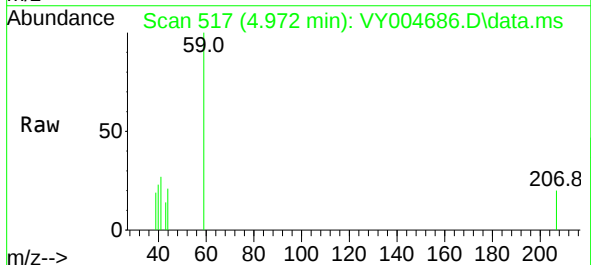
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004686.D
Acq: 30 Apr 2021 14:42



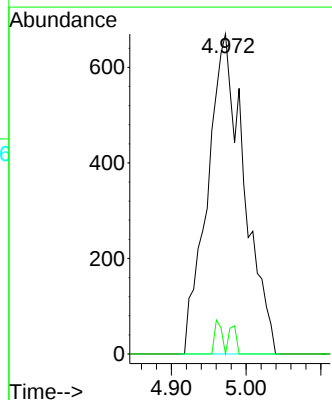
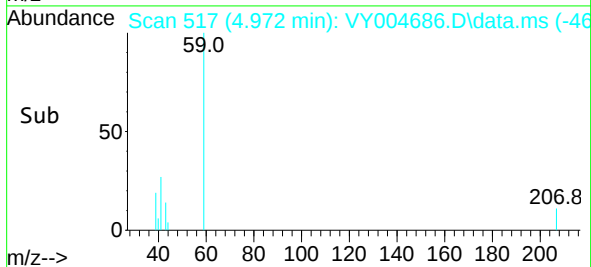
Tgt Ion: 168 Resp: 163889
Ion Ratio Lower Upper
168 100
99 55.3 45.5 68.3



#11
Tert butyl alcohol
Concen: 12.73 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY004686.D
Acq: 30 Apr 2021 14:42



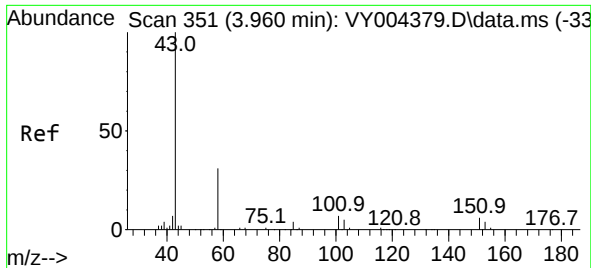
Tgt Ion: 59 Resp: 2285
Ion Ratio Lower Upper
59 100
57 1.8 8.1 12.1#



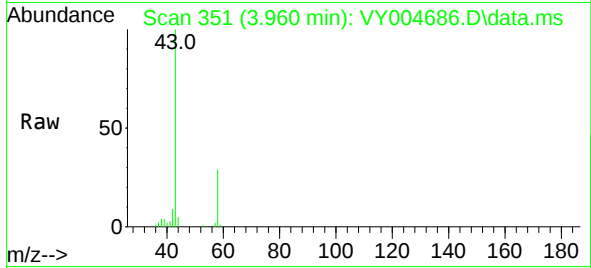
Instrument :
MSVOA_Y
ClientSampleId :
290RE

Manual Integrations
APPROVED

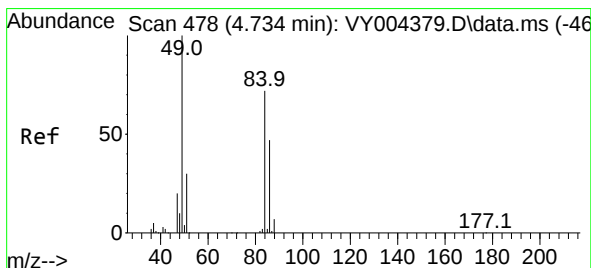
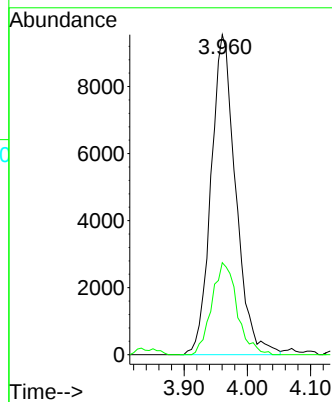
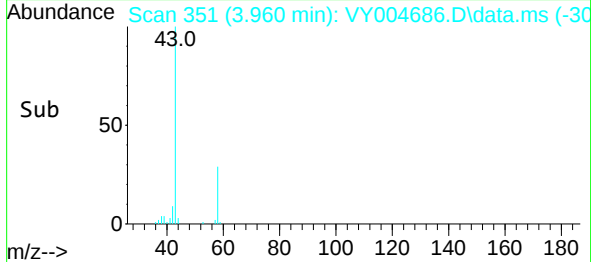
MMDadoda
5/3/2021 2:50:17 PM



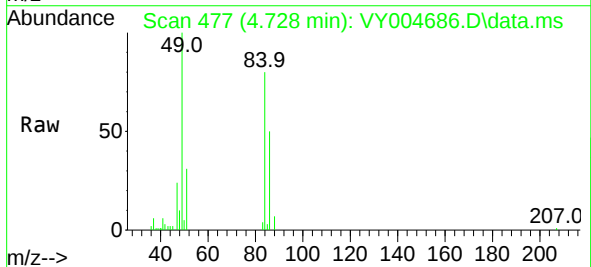
#16
Acetone
Concen: 51.70 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004686.D
Acq: 30 Apr 2021 14:42



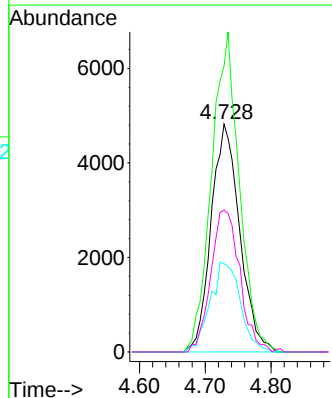
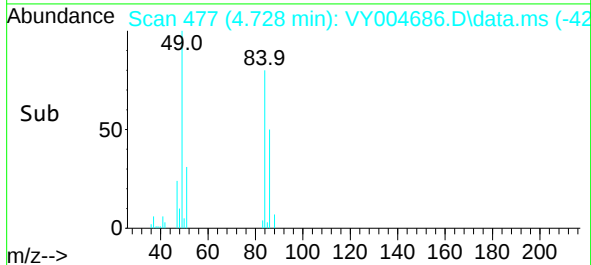
Tgt Ion: 43 Resp: 25876
Ion Ratio Lower Upper
43 100
58 28.8 24.6 37.0



#20
Methylene Chloride
Concen: 8.30 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY004686.D
Acq: 30 Apr 2021 14:42



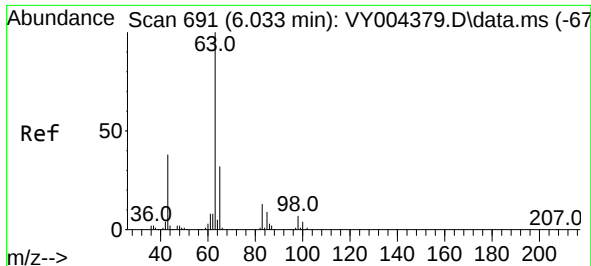
Tgt Ion: 84 Resp: 14590
Ion Ratio Lower Upper
84 100
49 125.5 111.2 166.8
51 38.7 33.4 50.2
86 62.2 52.7 79.1



Instrument :
MSVOA_Y
ClientSampleId :
290RE

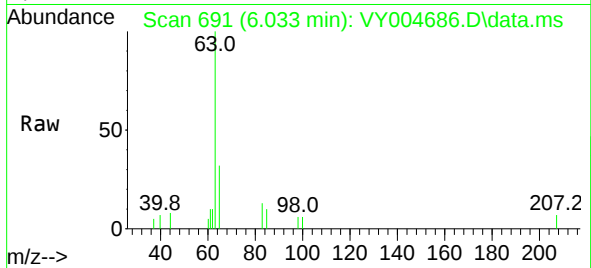
Manual Integrations
APPROVED

MMDadoda
5/3/2021 2:50:17 PM



#24
1,1-Dichloroethane
Concen: 1.46 ug/l m
RT: 6.033 min Scan# 691
Delta R.T. 0.000 min
Lab File: VY004686.D
Acq: 30 Apr 2021 14:42

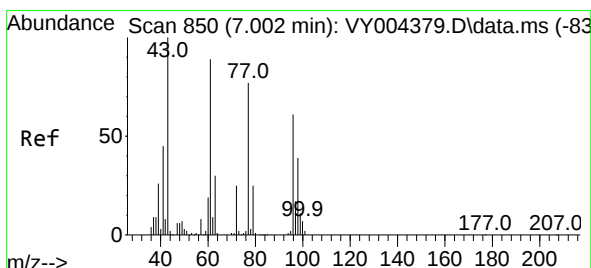
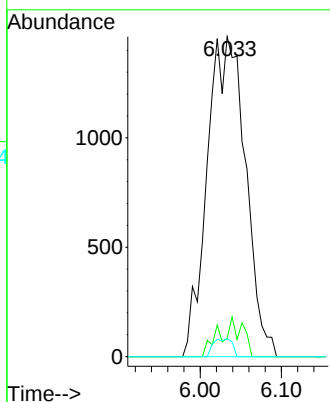
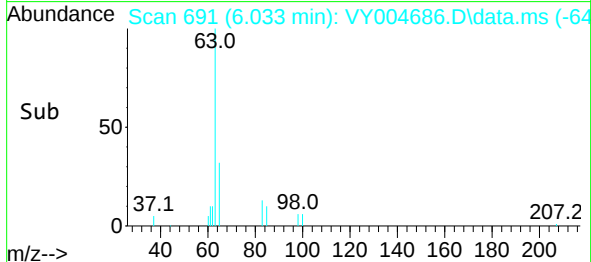
Instrument :
MSVOA_Y
ClientSampled :
290RE



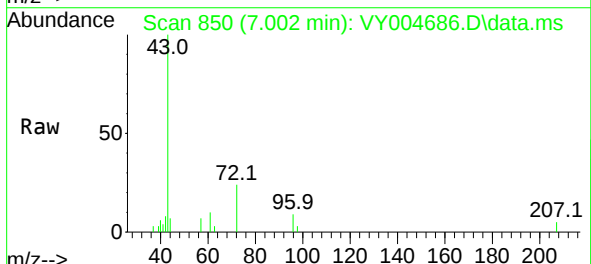
Tgt Ion: 63 Resp: 4791
Ion Ratio Lower Upper
63 100
98 5.7 3.3 9.9
100 5.6 2.0 6.0

Manual Integrations
APPROVED

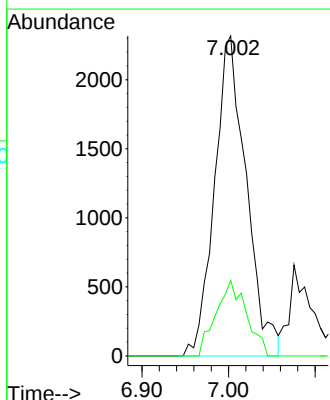
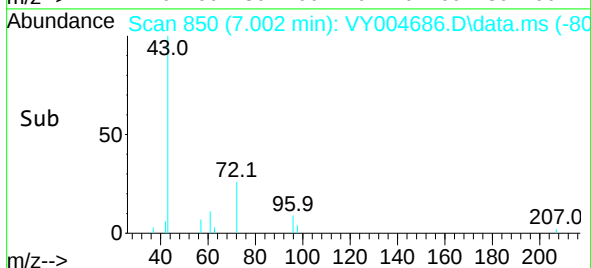
MMDadoda
5/3/2021 2:50:17 PM

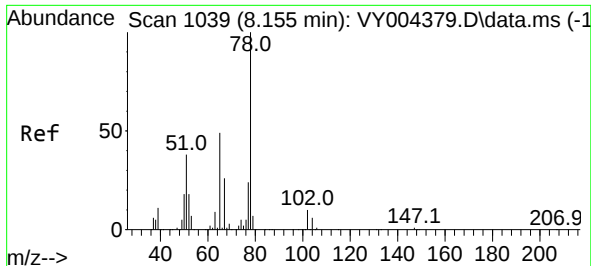


#25
2-Butanone
Concen: 8.50 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.000 min
Lab File: VY004686.D
Acq: 30 Apr 2021 14:42



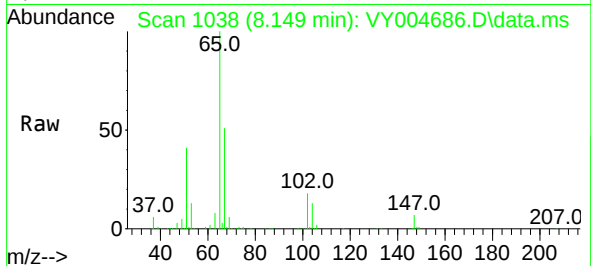
Tgt Ion: 43 Resp: 5894
Ion Ratio Lower Upper
43 100
72 23.7 20.2 30.2





#33
1,2-Dichloroethane-d4
Concen: 63.02 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004686.D
Acq: 30 Apr 2021 14:42

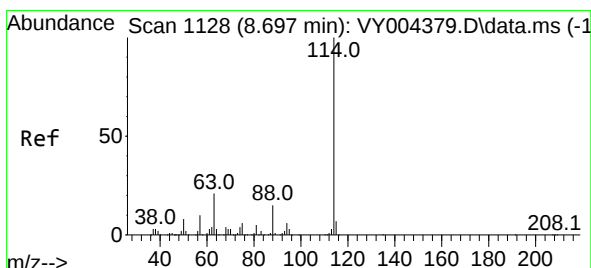
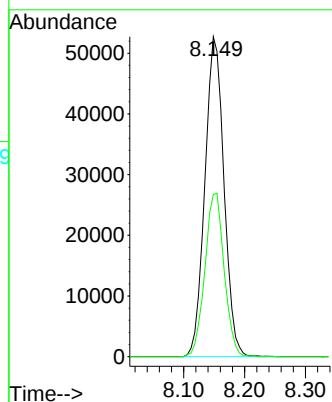
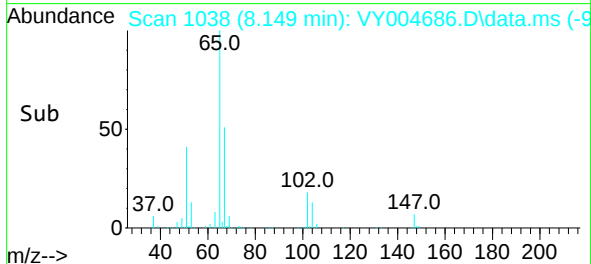
Instrument :
MSVOA_Y
ClientSampled :
290RE



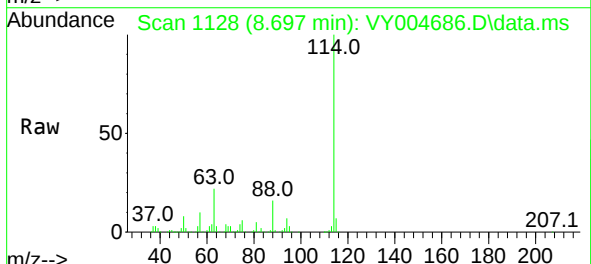
Tgt Ion: 65 Resp: 114761
Ion Ratio Lower Upper
65 100
67 51.6 0.0 106.4

Manual Integrations
APPROVED

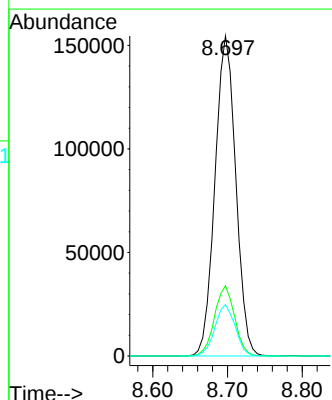
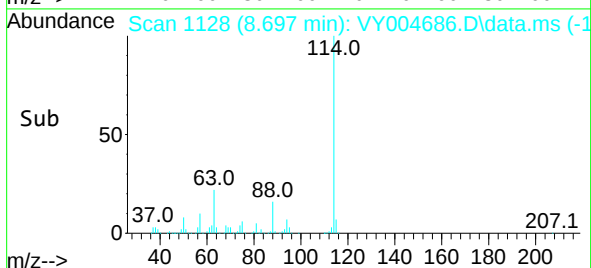
MMDadoda
5/3/2021 2:50:17 PM



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004686.D
Acq: 30 Apr 2021 14:42

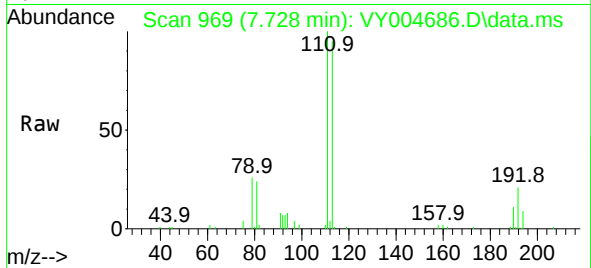


Tgt Ion: 114 Resp: 299102
Ion Ratio Lower Upper
114 100
63 22.0 0.0 42.4
88 16.0 0.0 30.8

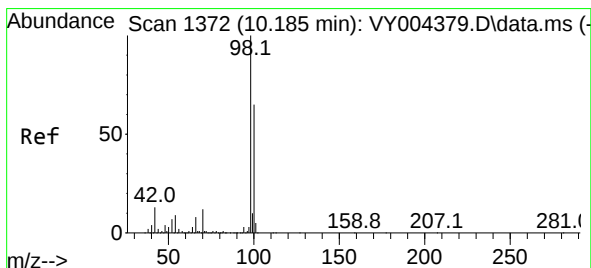
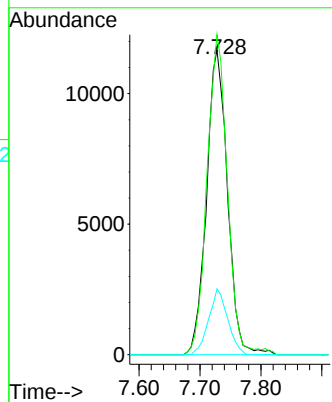
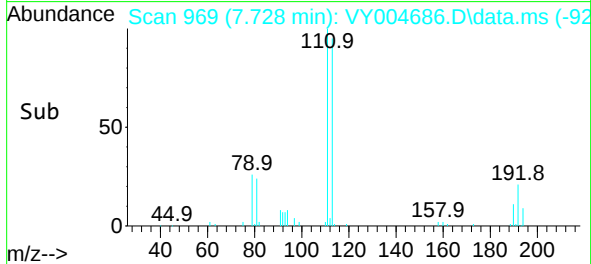




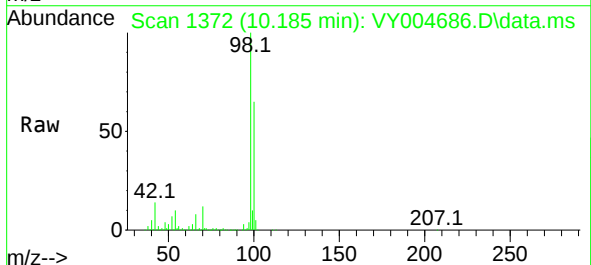
#35
Dibromofluoromethane
Concen: 16.77 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004686.D
Acq: 30 Apr 2021 14:42



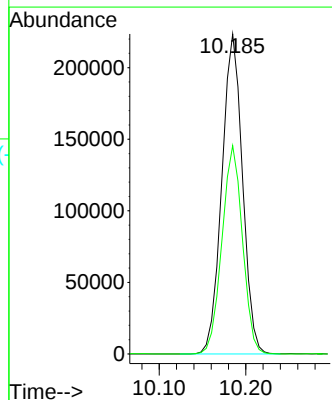
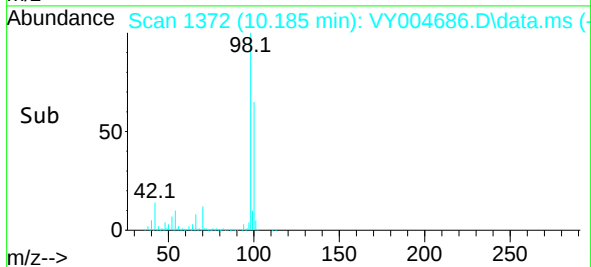
Tgt Ion: 113 Resp: 27839
Ion Ratio Lower Upper
113 100
111 102.6 82.6 123.8
192 19.6 16.1 24.1



#50
Toluene-d8
Concen: 52.38 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004686.D
Acq: 30 Apr 2021 14:42



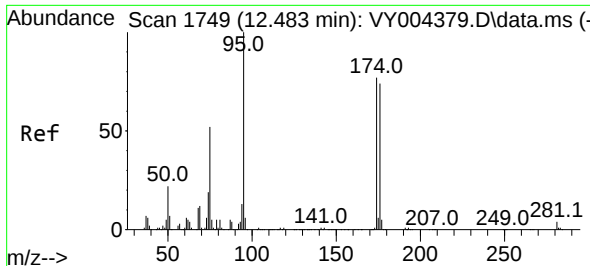
Tgt Ion: 98 Resp: 369815
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6



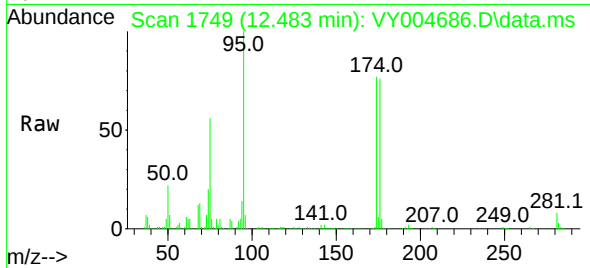
Instrument :
MSVOA_Y
ClientSampleId :
290RE

Manual Integrations
APPROVED

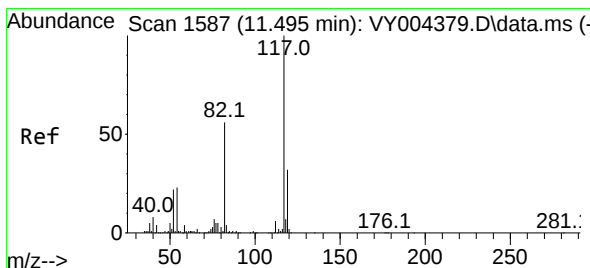
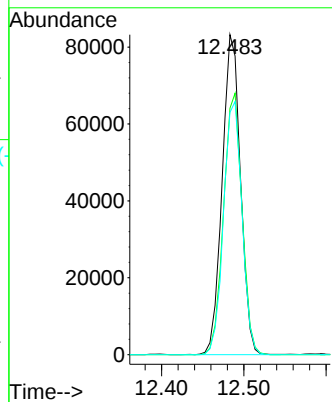
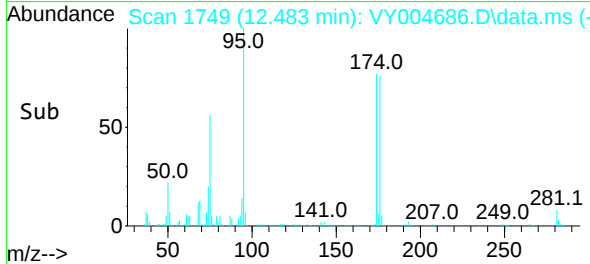
MMDadoda
5/3/2021 2:50:17 PM



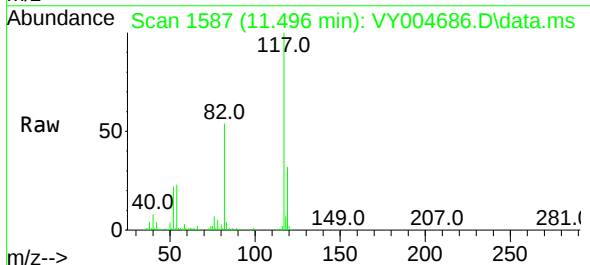
#62
4-Bromofluorobenzene
Concen: 53.75 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004686.D
Acq: 30 Apr 2021 14:42



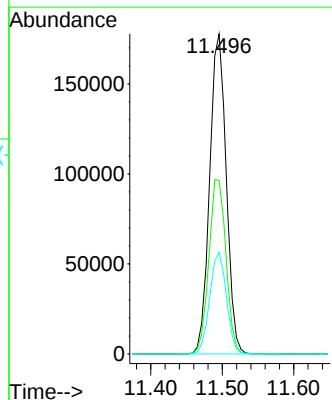
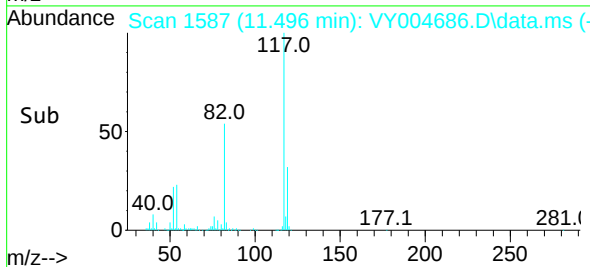
Tgt Ion: 95 Resp: 128777
Ion Ratio Lower Upper
95 100
174 82.1 0.0 162.4
176 79.5 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004686.D
Acq: 30 Apr 2021 14:42



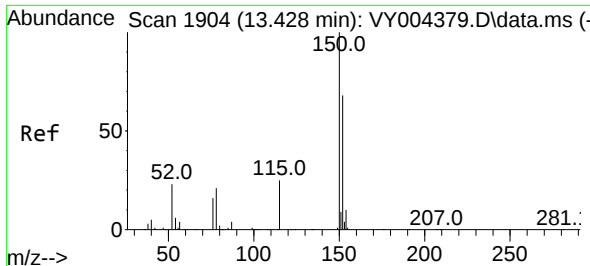
Tgt Ion: 117 Resp: 286102
Ion Ratio Lower Upper
117 100
82 54.2 44.9 67.3
119 31.7 25.4 38.0



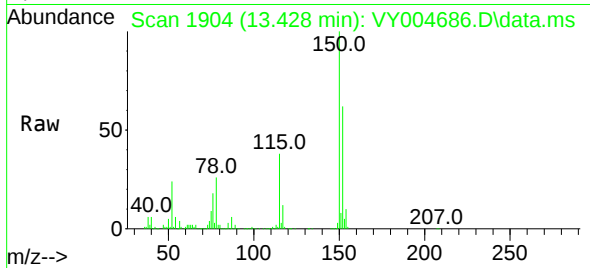
Instrument :
MSVOA_Y
ClientSampled :
290RE

Manual Integrations
APPROVED

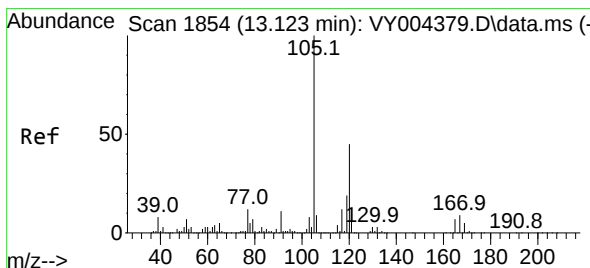
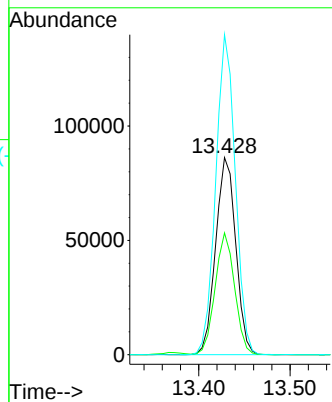
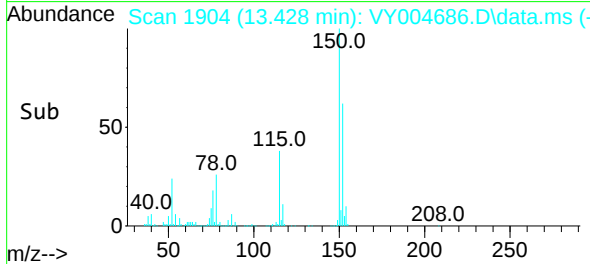
MMDadoda
5/3/2021 2:50:17 PM



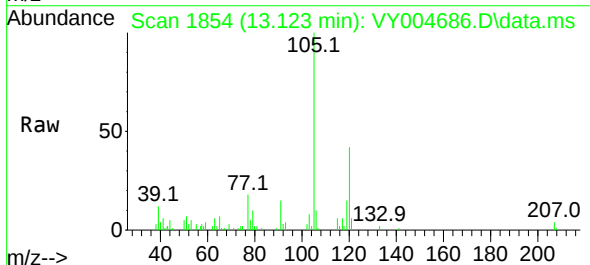
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY004686.D
 Acq: 30 Apr 2021 14:42



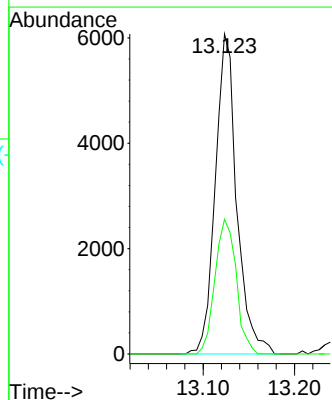
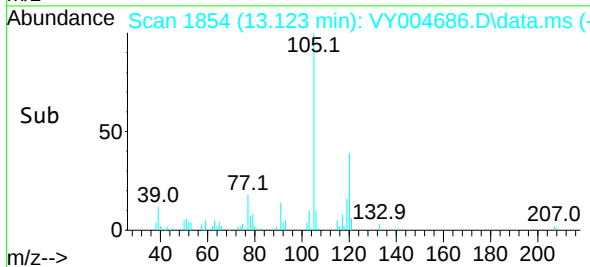
Tgt Ion:152 Resp: 132102
 Ion Ratio Lower Upper
 152 100
 115 59.8 29.6 88.8
 150 157.9 0.0 348.4



#84
 1,2,4-Trimethylbenzene
 Concen: 1.18 ug/l
 RT: 13.123 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: VY004686.D
 Acq: 30 Apr 2021 14:42



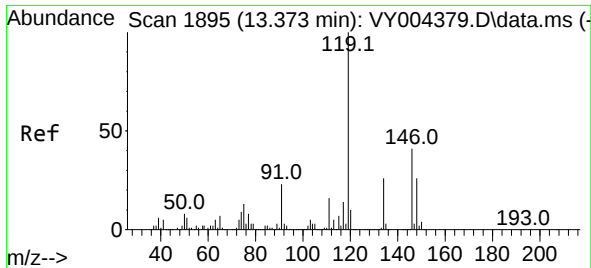
Tgt Ion:105 Resp: 9905
 Ion Ratio Lower Upper
 105 100
 120 41.6 22.4 67.3



Instrument :
 MSVOA_Y
 ClientSampled :
 290RE

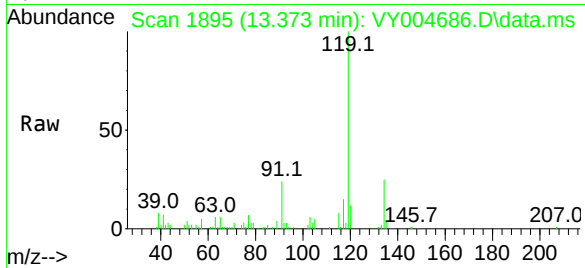
Manual Integrations
 APPROVED

MMDadoda
 5/3/2021 2:50:17 PM



#86
p-Isopropyltoluene
Concen: 1.77 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VY004686.D
Acq: 30 Apr 2021 14:42

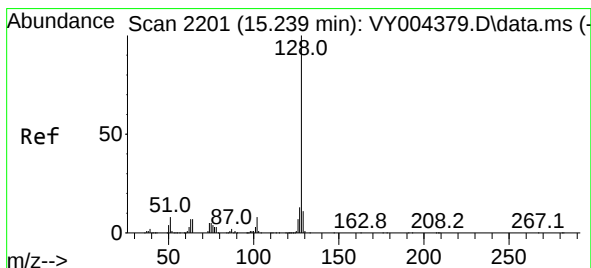
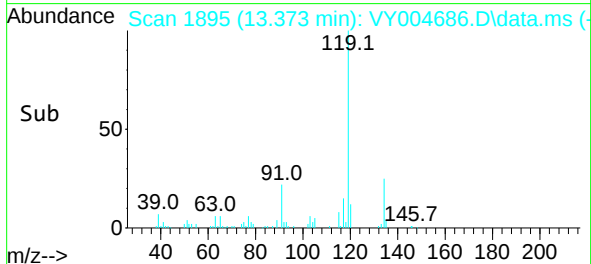
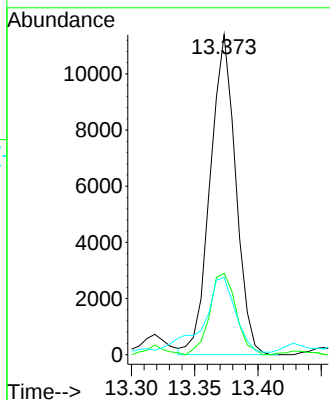
Instrument :
MSVOA_Y
ClientSampled :
290RE



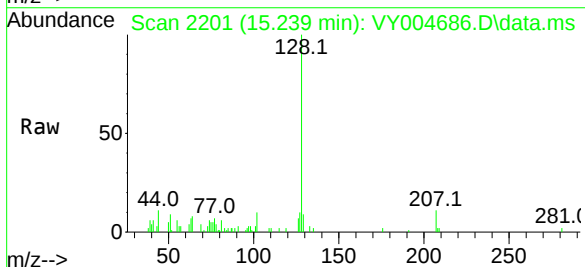
Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.3	13.3	39.8
91	34.0	11.9	35.7

Manual Integrations
APPROVED

MMDadoda
5/3/2021 2:50:17 PM



#95
Naphthalene
Concen: 1.39 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY004686.D
Acq: 30 Apr 2021 14:42



Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.2
129	12.1	8.8	13.2

