

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052422\
 Data File : VY009069.D
 Acq On : 24 May 2022 18:03
 Operator : KP/MD
 Sample : N2948-20
 Misc : 4.29g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P036-SS001-2430-01

Quant Time: May 25 02:55:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

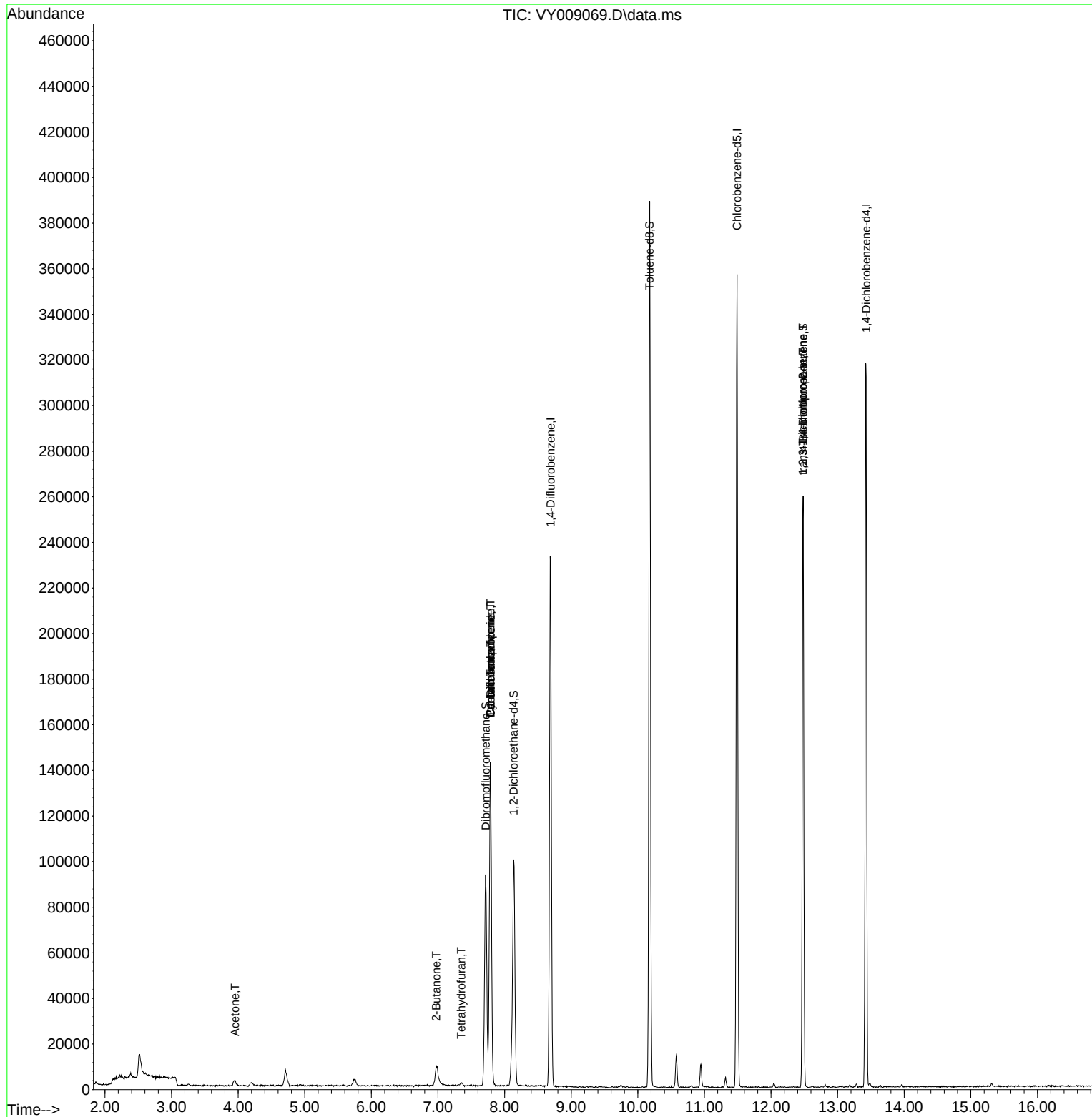
Internal Standards						
1) Pentafluorobenzene	7.789	168	104440	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	193771	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	182862	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	77935	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	67617	62.907	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.820%	
35) Dibromofluoromethane	7.716	113	62549	51.910	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.820%	
50) Toluene-d8	10.179	98	238350	53.619	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.240%	
62) 4-Bromofluorobenzene	12.483	95	68988	38.473	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 76.940%	
Target Compounds						
16) Acetone	3.954	43	4056	18.128	ug/l	Qvalue 97
20) Methylene Chloride	4.710	84	4553	Below Cal	#	88
25) 2-Butanone	6.972	43	616	1.541	ug/l #	88
29) Tetrahydrofuran	7.350	42	937	3.452	ug/l #	87
31) Cyclohexane	7.789	56	2679	1.274	ug/l #	22
36) 1,1-Dichloropropene	7.789	75	8992	4.385	ug/l #	51
38) Carbon Tetrachloride	7.789	117	10717	4.996	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	40161	47.986	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	40161	98.492	ug/l #	7

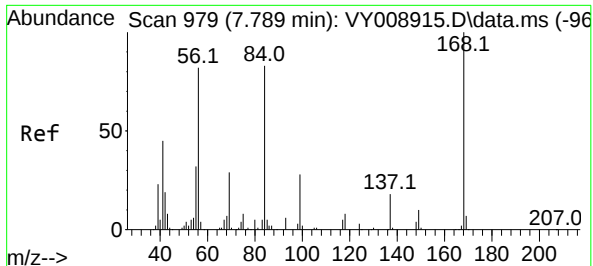
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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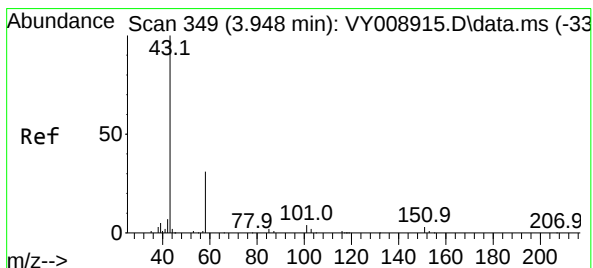
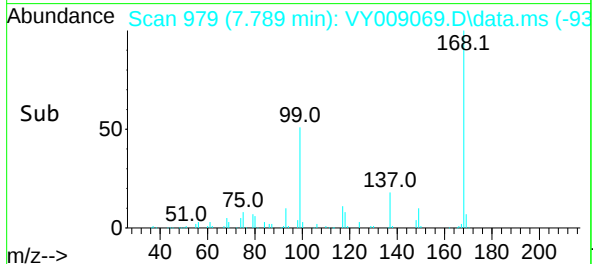
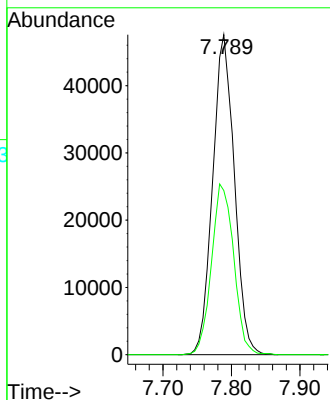
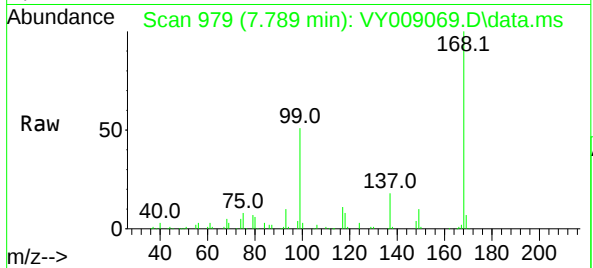




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009069.D
Acq: 24 May 2022 18:03

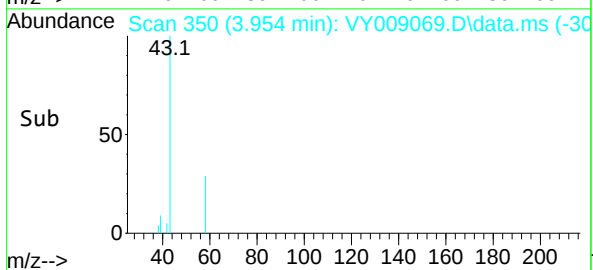
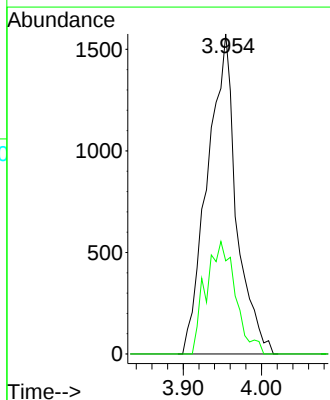
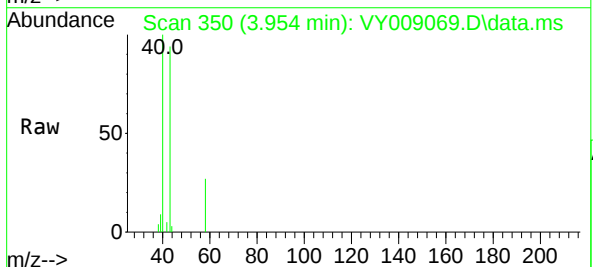
Instrument :
MSVOA_Y
ClientSampleId :
P036-SS001-2430-01

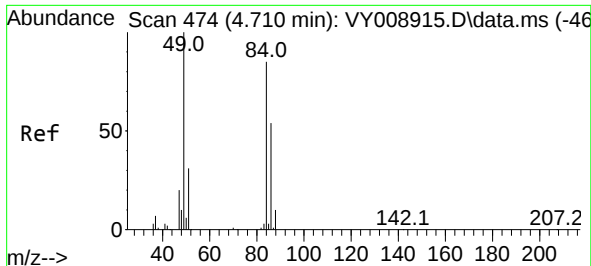
Tgt Ion:168 Resp: 104440
Ion Ratio Lower Upper
168 100
99 51.3 46.9 70.3



#16
Acetone
Concen: 18.128 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY009069.D
Acq: 24 May 2022 18:03

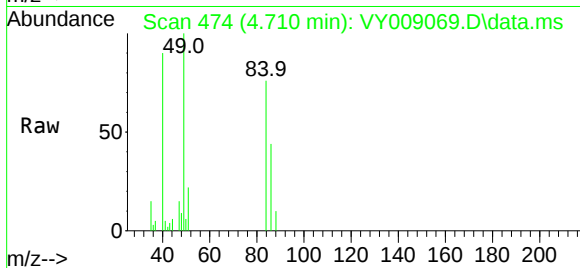
Tgt Ion: 43 Resp: 4056
Ion Ratio Lower Upper
43 100
58 29.1 22.0 33.0



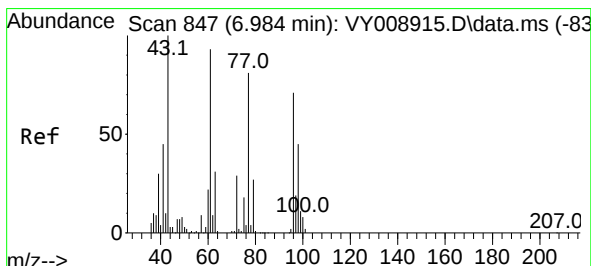
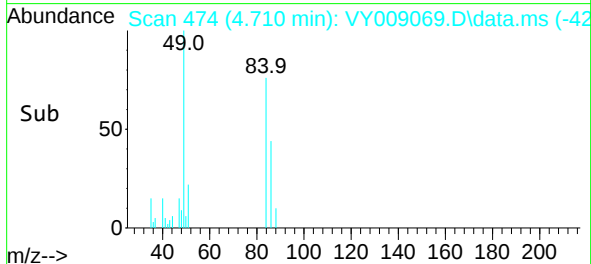
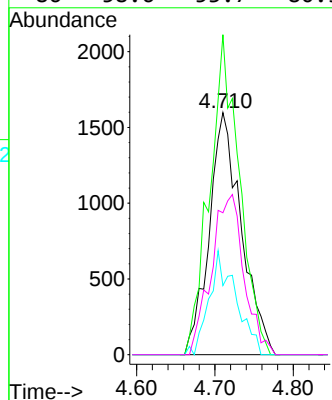


#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009069.D
Acq: 24 May 2022 18:03

Instrument :
MSVOA_Y
ClientSampleId :
P036-SS001-2430-01

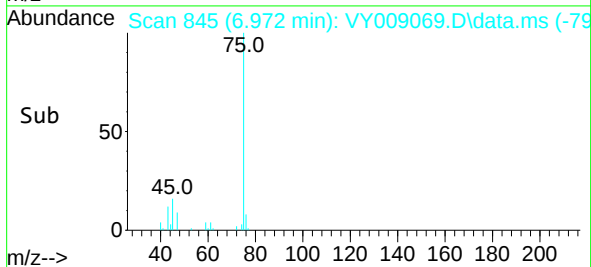
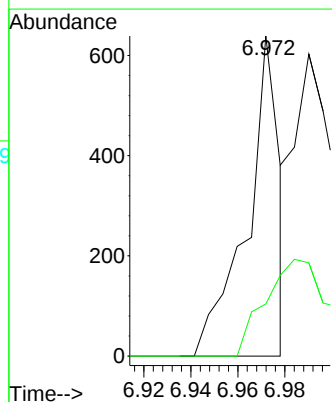
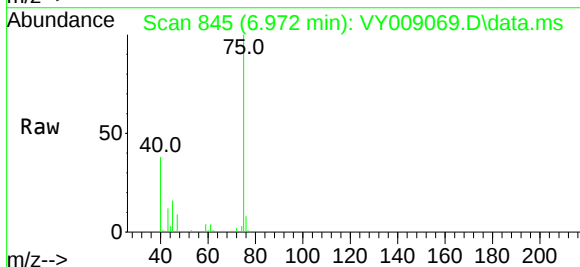


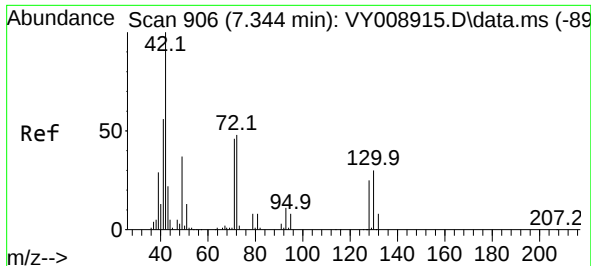
Tgt Ion: 84 Resp: 4553
Ion Ratio Lower Upper
84 100
49 132.2 114.4 171.6
51 28.6 35.3 52.9#
86 58.6 53.7 80.5



#25
2-Butanone
Concen: 1.541 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.012 min
Lab File: VY009069.D
Acq: 24 May 2022 18:03

Tgt Ion: 43 Resp: 616
Ion Ratio Lower Upper
43 100
72 16.3 17.7 26.5#





#29

Tetrahydrofuran

Concen: 3.452 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY009069.D

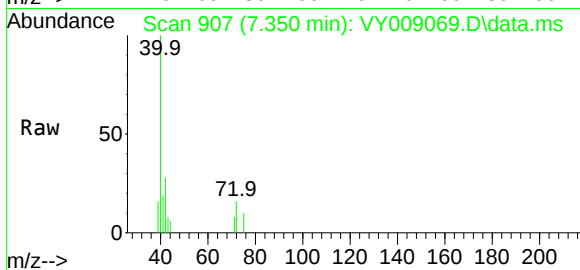
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Instrument :

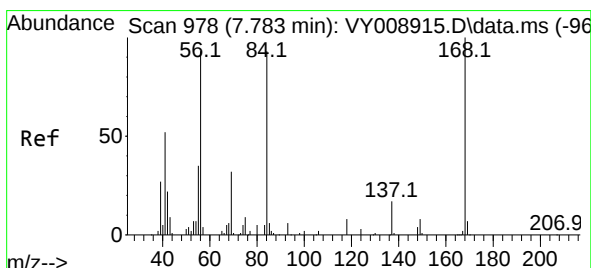
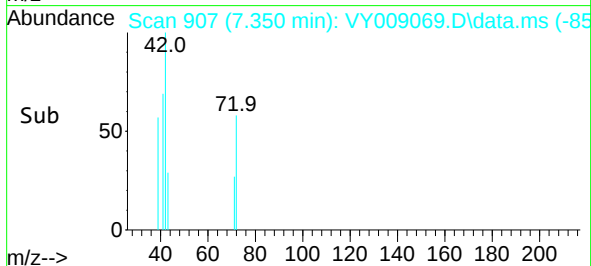
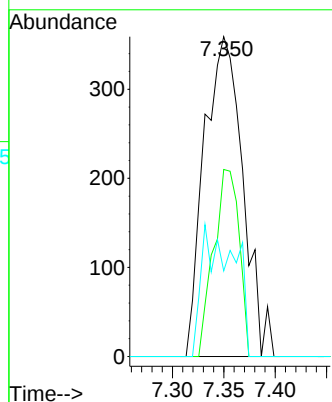
MSVOA_Y

ClientSampleId :

P036-SS001-2430-01



Tgt Ion:	42	Resp:	937
Ion Ratio	Lower	Upper	
42	100		
72	38.5	30.3	45.5
71	20.9	29.0	43.4



#31

Cyclohexane

Concen: 1.274 ug/l

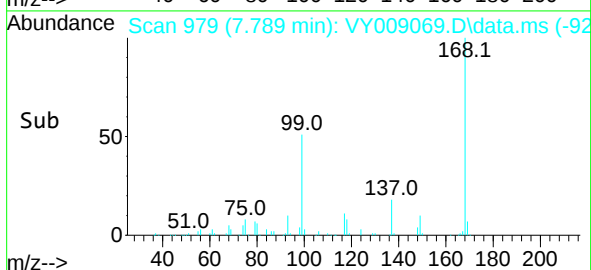
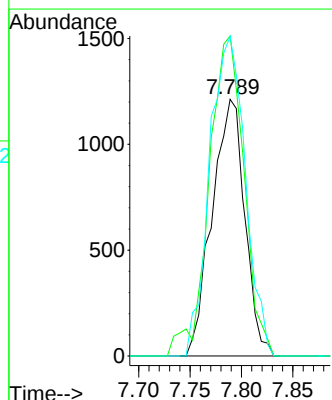
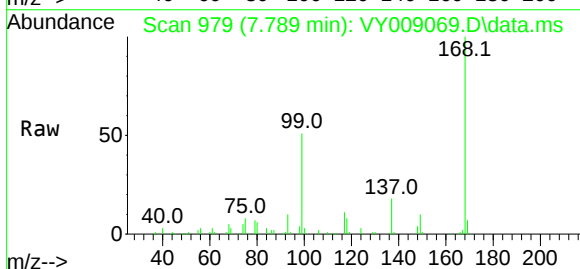
RT: 7.789 min Scan# 979

Delta R.T. 0.006 min

Lab File: VY009069.D

Acq: 24 May 2022 18:03

Tgt Ion:	56	Resp:	2679
Ion Ratio	Lower	Upper	
56	100		
69	124.6	26.7	40.1
84	124.5	67.2	100.8





#33

1,2-Dichloroethane-d4

Concen: 62.907 ug/l

RT: 8.136 min Scan# 110

Delta R.T. -0.007 min

Lab File: VY009069.D

Acq: 24 May 2022 18:03

Instrument :

MSVOA_Y

ClientSampleId :

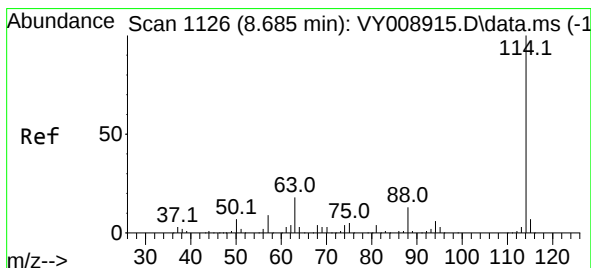
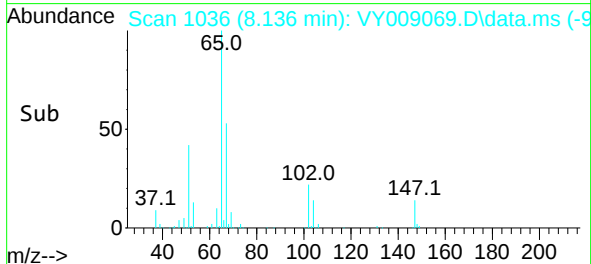
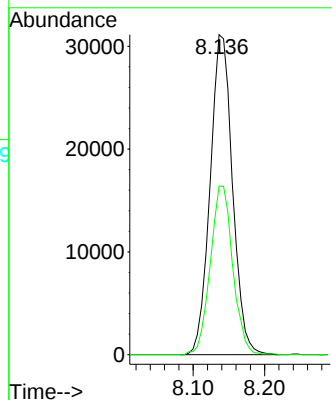
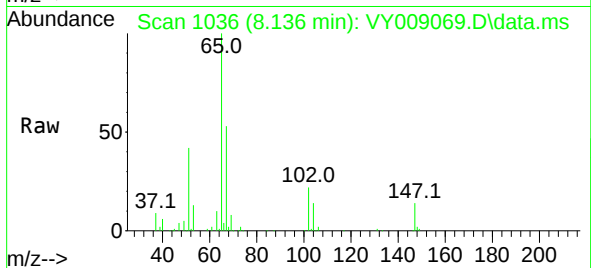
P036-SS001-2430-01

Tgt Ion: 65 Resp: 67617

Ion Ratio Lower Upper

65 100

67 52.9 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY009069.D

Acq: 24 May 2022 18:03

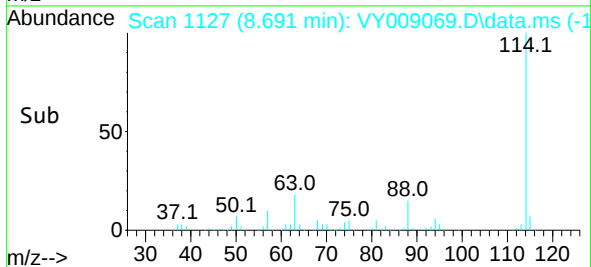
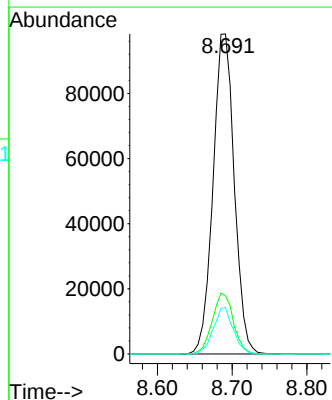
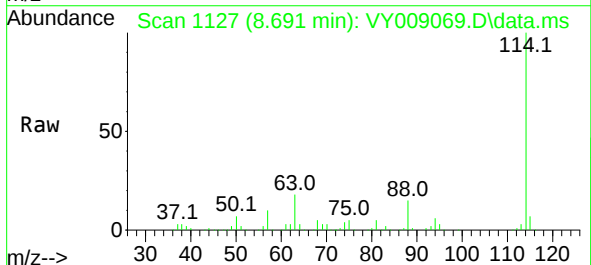
Tgt Ion: 114 Resp: 193771

Ion Ratio Lower Upper

114 100

63 18.2 0.0 43.2

88 14.5 0.0 31.8

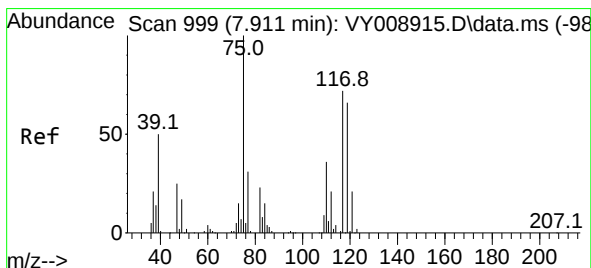
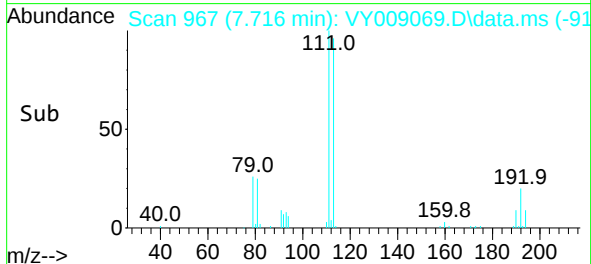
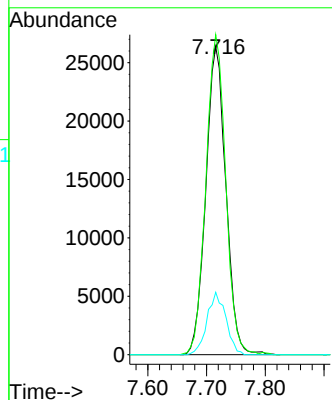
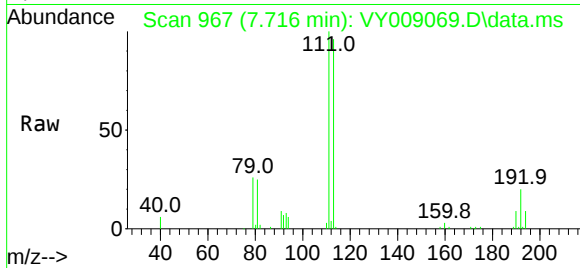




#35
Dibromofluoromethane
Concen: 51.910 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY009069.D
Acq: 24 May 2022 18:03

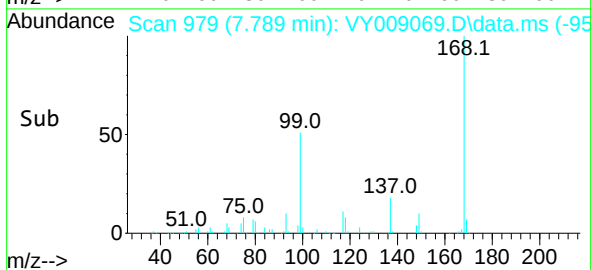
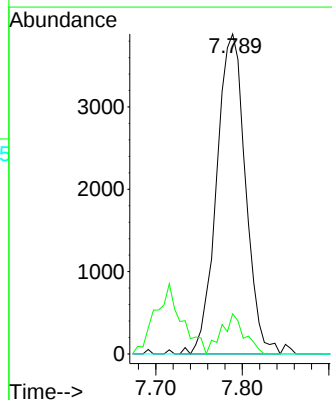
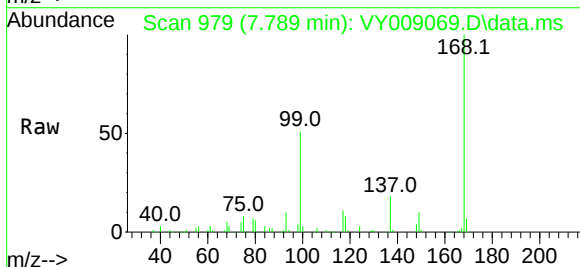
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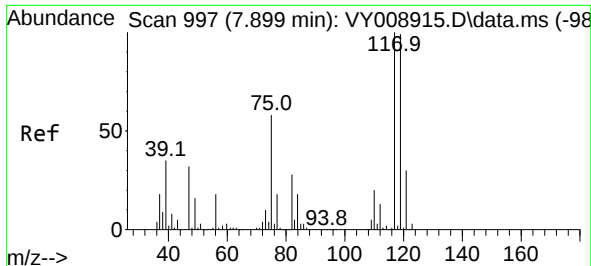
Tgt Ion:113 Resp: 62549
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 19.1 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.385 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY009069.D
Acq: 24 May 2022 18:03

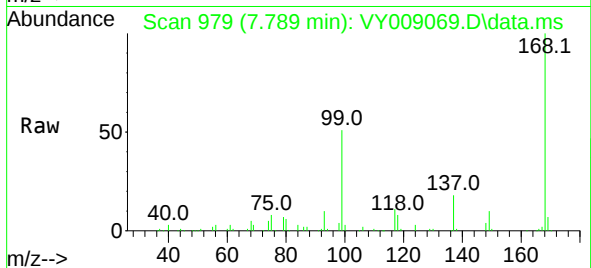
Tgt Ion: 75 Resp: 8992
Ion Ratio Lower Upper
75 100
110 9.9 17.1 51.2#
77 0.0 24.4 36.6#



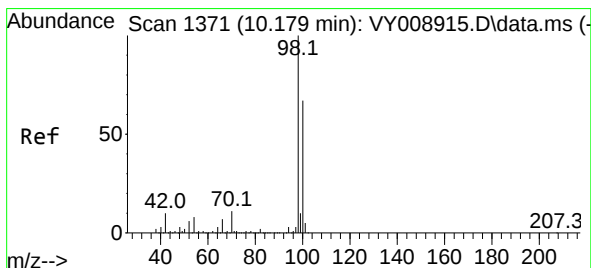
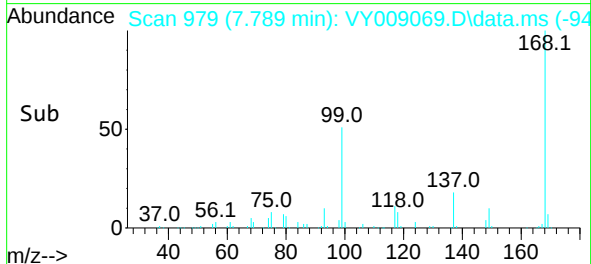
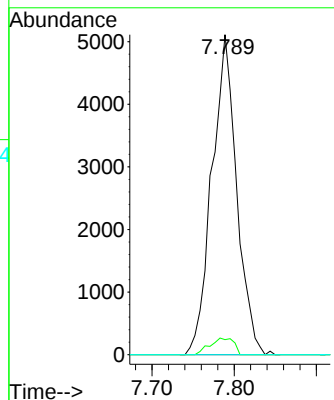


#38
Carbon Tetrachloride
Concen: 4.996 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009069.D
Acq: 24 May 2022 18:03

Instrument :
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P036-SS001-2430-01

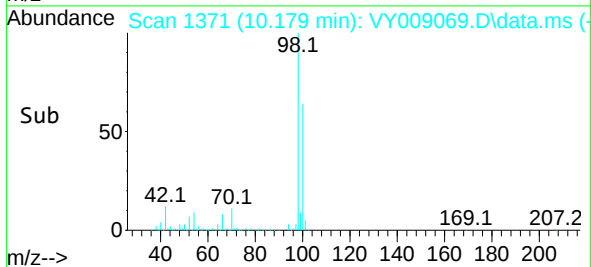
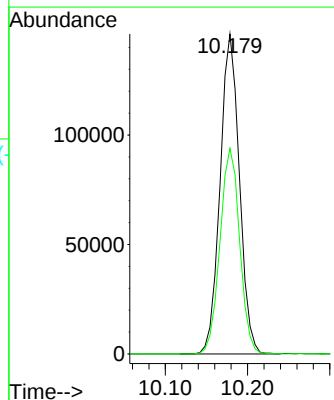
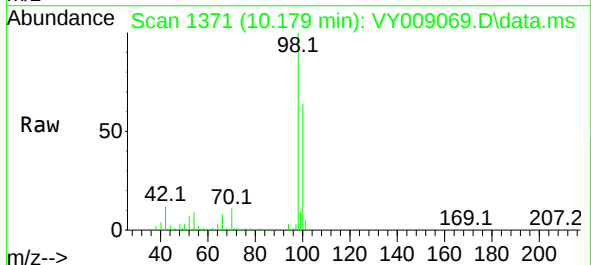


Tgt Ion:117 Resp: 10717
Ion Ratio Lower Upper
117 100
119 4.7 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.619 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009069.D
Acq: 24 May 2022 18:03

Tgt Ion: 98 Resp: 238350
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2

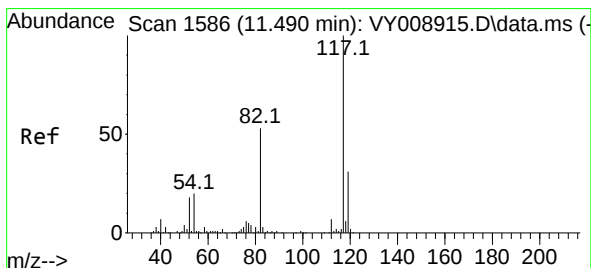
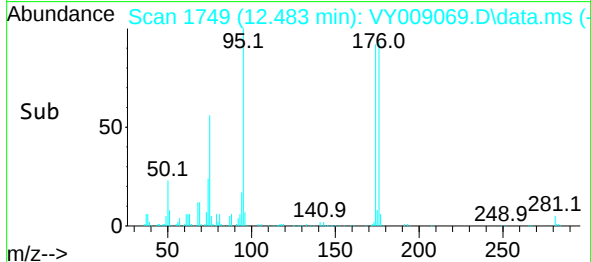
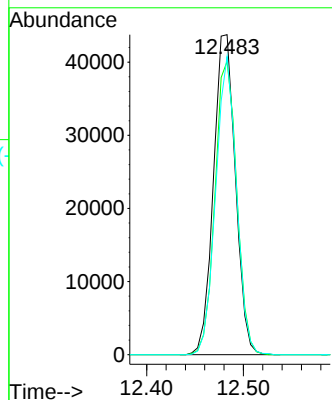
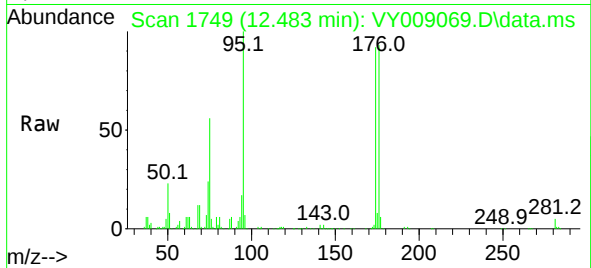




#62
4-Bromofluorobenzene
Concen: 38.473 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009069.D
Acq: 24 May 2022 18:03

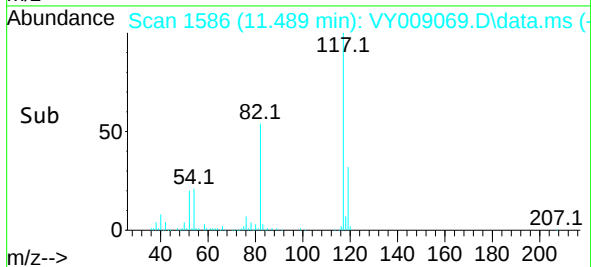
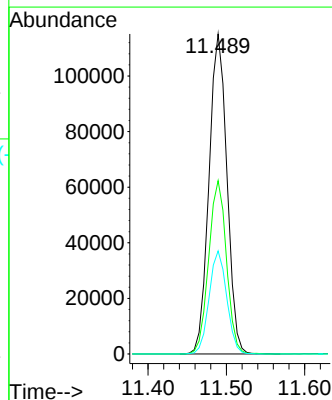
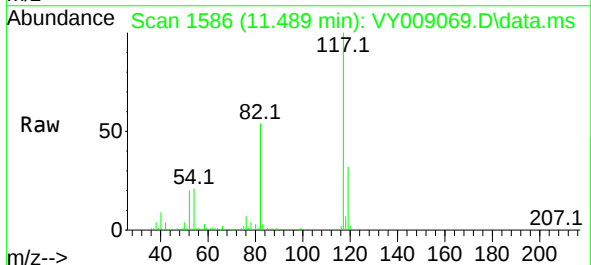
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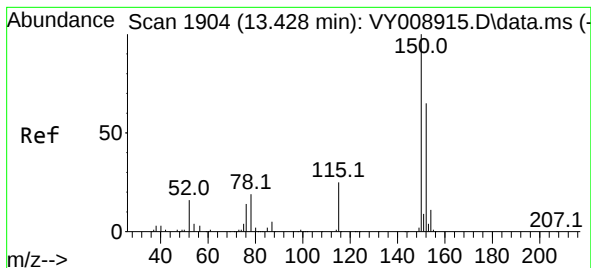
Tgt Ion: 95 Resp: 68988
Ion Ratio Lower Upper
95 100
174 90.7 0.0 177.0
176 88.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY009069.D
Acq: 24 May 2022 18:03

Tgt Ion: 117 Resp: 182862
Ion Ratio Lower Upper
117 100
82 54.2 43.0 64.4
119 32.2 25.4 38.0

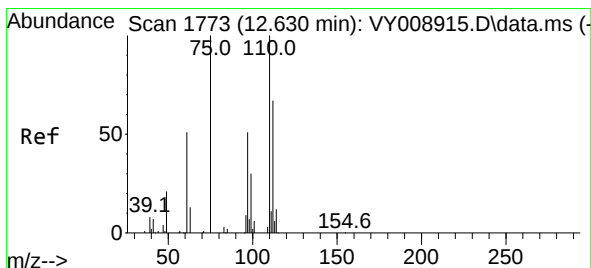
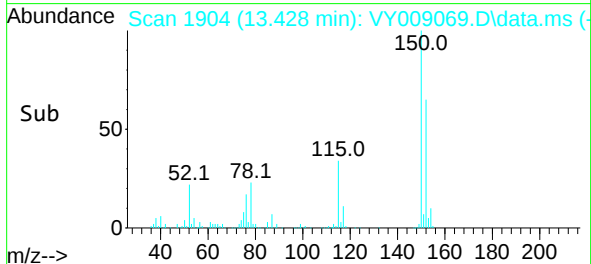
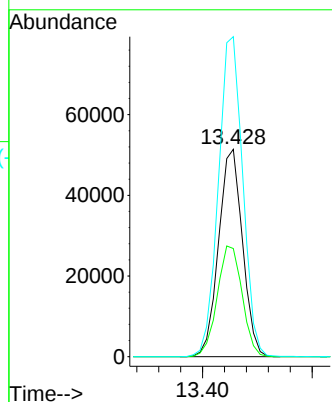
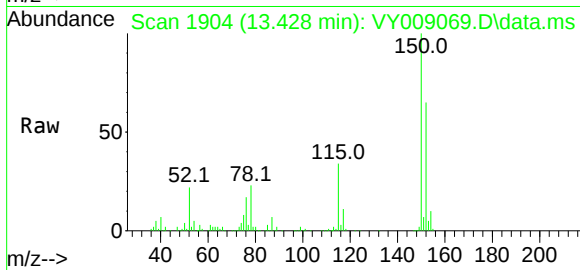




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY009069.D
 Acq: 24 May 2022 18:03

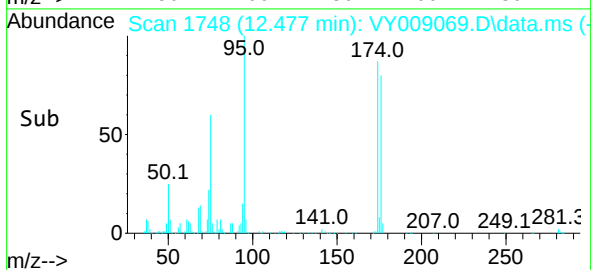
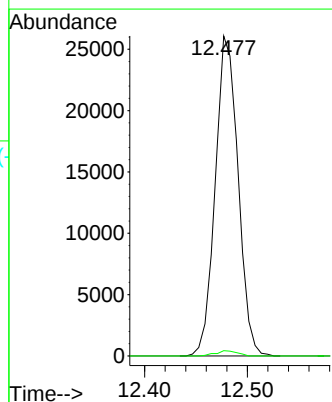
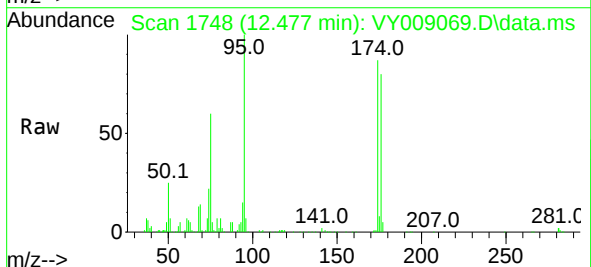
Instrument :
 MSVOA_Y
 ClientSampleId :
 P036-SS001-2430-01

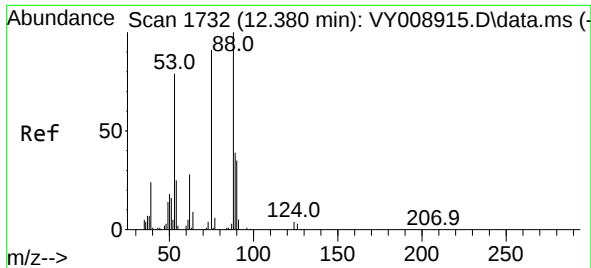
Tgt Ion:152 Resp: 77935
 Ion Ratio Lower Upper
 152 100
 115 55.4 28.2 84.7
 150 157.3 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 47.986 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY009069.D
 Acq: 24 May 2022 18:03

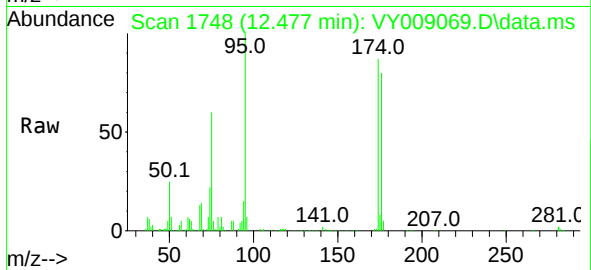
Tgt Ion: 75 Resp: 40161
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 98.492 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY009069.D
 Acq: 24 May 2022 18:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 P036-SS001-2430-01



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	0.1	37.0	55.4#

