

Data File : VV012028.D
Acq On : 25 Jul 2019 15:03
Operator : SY/MD
Sample : K3960-01DL 5X
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB9A6DL

Quant Time: Jul 26 02:39:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 26 02:35:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	144945	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	139938	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	69985	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25045	3.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.40%
7) Chloroethane-d5	1.59	69	21927	3.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.00%
11) 1,1-Dichloroethene-d2	2.13	63	39961	2.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.40%#
20) 2-Butanone-d5	3.93	46	86507	39.29	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.58%
24) Chloroform-d	4.40	84	71124	3.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.00%
26) 1,2-Dichloroethane-d4	5.08	65	41694	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.60%
32) Benzene-d6	5.10	84	143239	3.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.40%
36) 1,2-Dichloropropane-d6	6.12	67	41477	3.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	74.20%
41) Toluene-d8	7.36	98	126224	3.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.80%#
43) trans-1,3-Dichloropropene-	7.66	79	16355	3.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.20%
46) 2-Hexanone-d5	8.13	63	69597	38.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.48%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	30309	3.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	55279	4.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.00%

Target Compounds

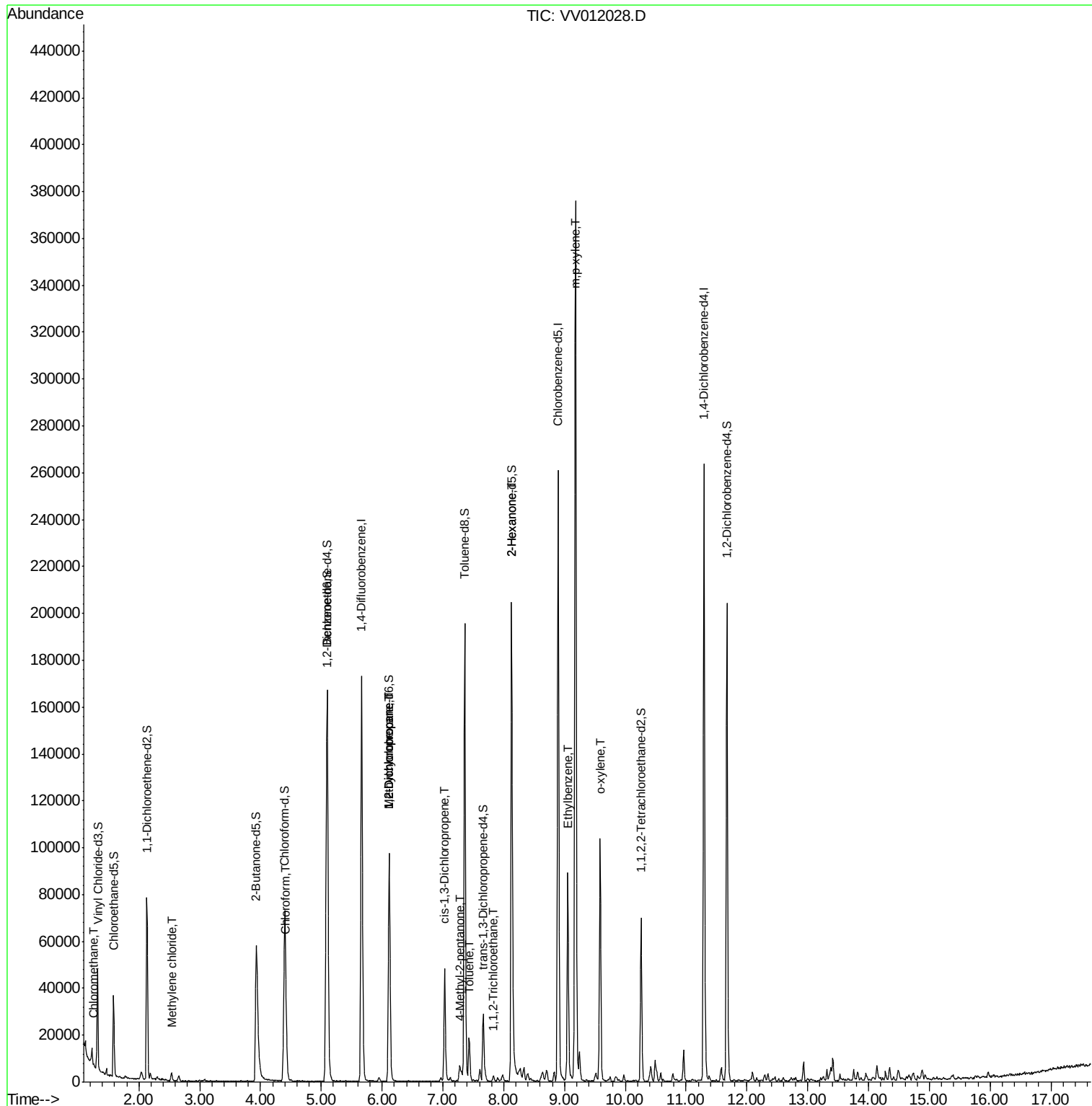
					Qvalue
3) Chloromethane	1.25	50	891	0.102 ug/L	92
16) Methylene chloride	2.54	84	1101	0.149 ug/L	83
25) Chloroform	4.43	83	6467	0.295 ug/L	88
35) Methylcyclohexane	6.12	83	11373	0.639 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	5147	0.520 ug/L #	84
39) cis-1,3-Dichloropropene	7.03	75	1187	0.081 ug/L #	69
40) 4-Methyl-2-pentanone	7.28	43	4528	0.819 ug/L #	86
42) Toluene	7.43	91	11781	0.267 ug/L	97
45) 1,1,2-Trichloroethane	7.84	97	908	0.133 ug/L #	16
48) 2-Hexanone	8.13	43	10168	2.621 ug/L #	60
52) Ethylbenzene	9.05	91	58091	1.152 ug/L	99
53) m,p-xylene	9.18	106	104868	5.463 ug/L	99
54) o-xylene	9.59	106	27547	1.513 ug/L	94

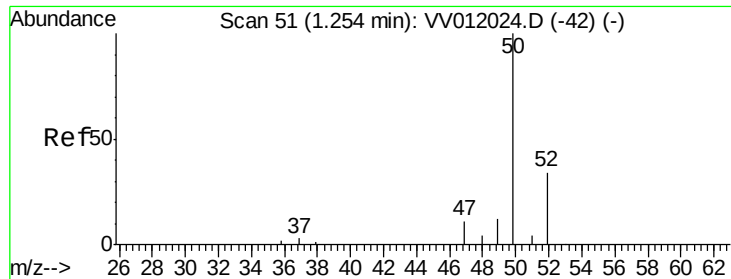
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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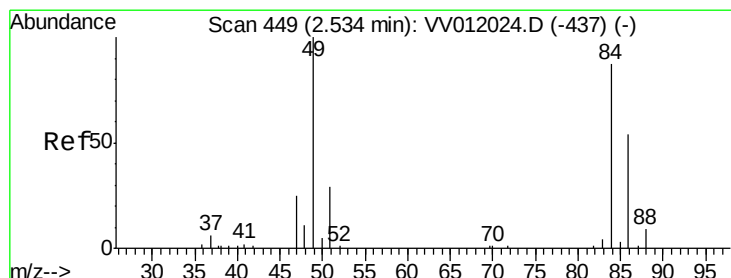
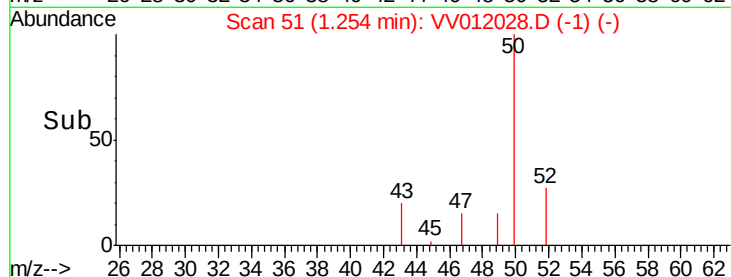
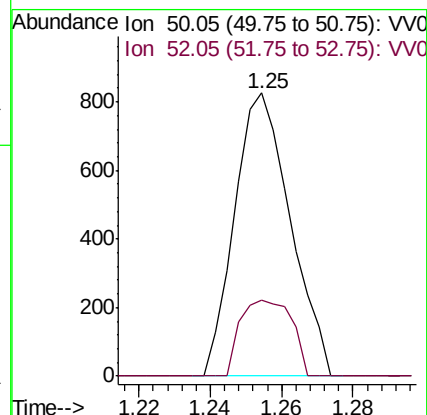
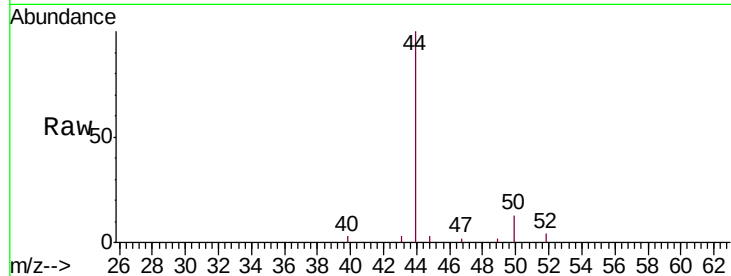




#3
Chloromethane
Concen: 0.102 ug/L
RT: 1.25 min Scan# 51
Delta R.T. 0.00 min
Lab File: VV012028.D
Acq: 25 Jul 2019 15:03

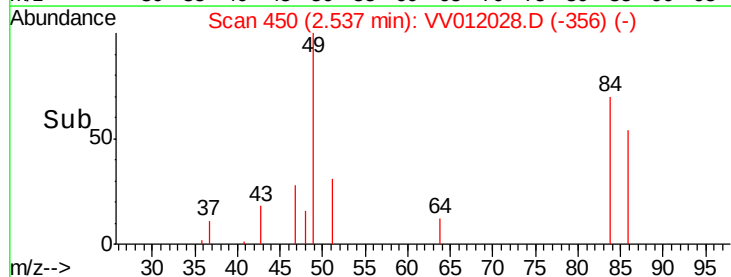
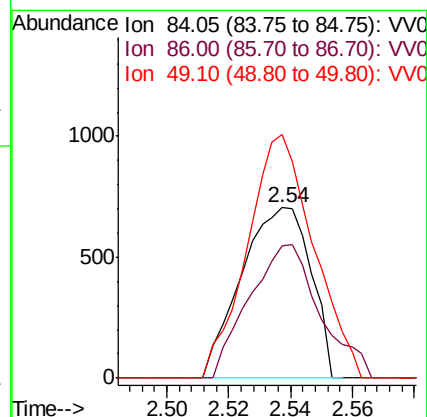
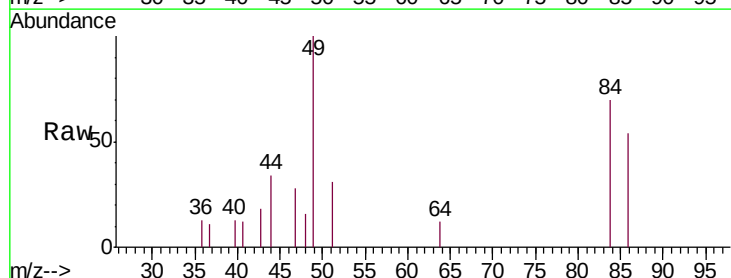
Instrument :
MSVOA_V
ClientSampleId :
DB9A6DL

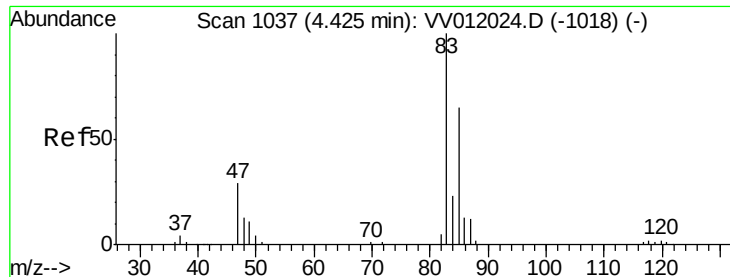
Tgt Ion: 50 Resp: 891
Ion Ratio Lower Upper
50 100
52 26.8 21.6 40.2



#16
Methylene chloride
Concen: 0.149 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV012028.D
Acq: 25 Jul 2019 15:03

Tgt Ion: 84 Resp: 1101
Ion Ratio Lower Upper
84 100
86 77.7 47.6 88.4
49 142.8 84.3 156.5

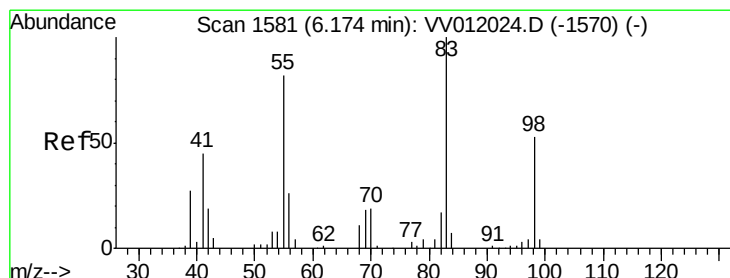
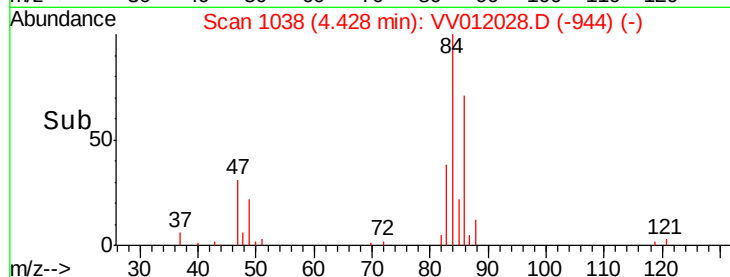
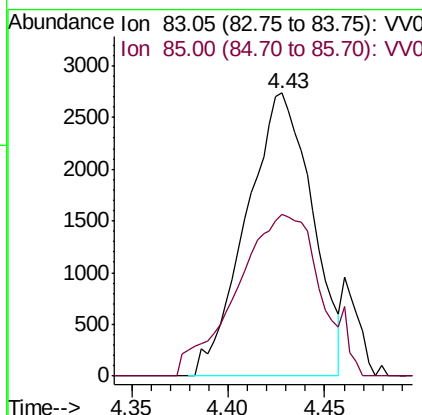
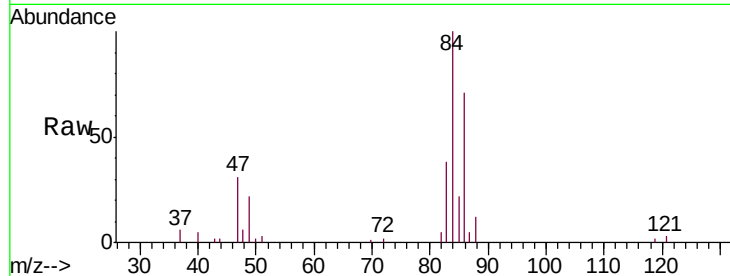




#25
Chloroform
Concen: 0.295 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV012028.D
Acq: 25 Jul 2019 15:03

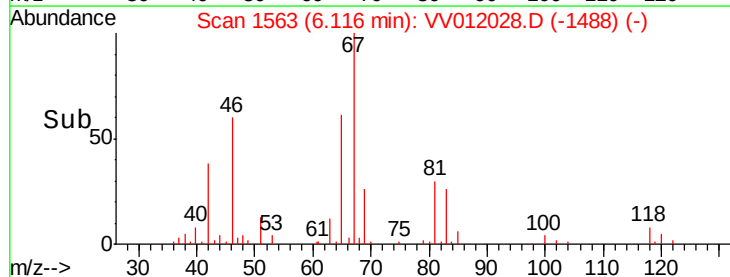
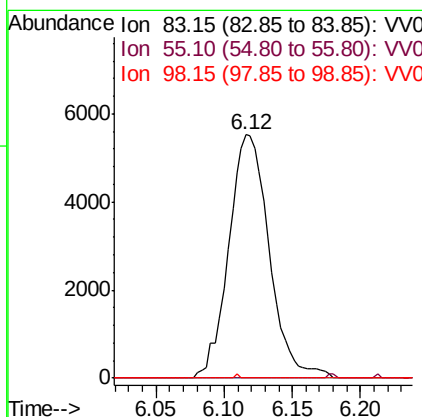
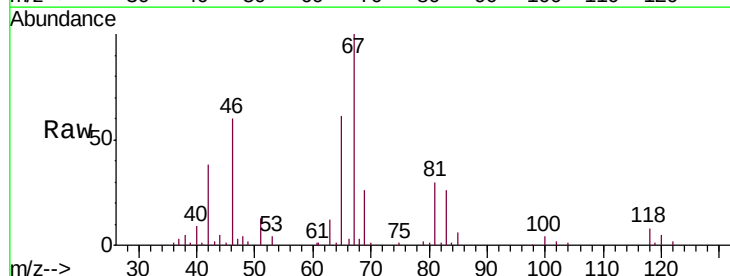
Instrument :
MSVOA_V
ClientSampleId :
DB9A6DL

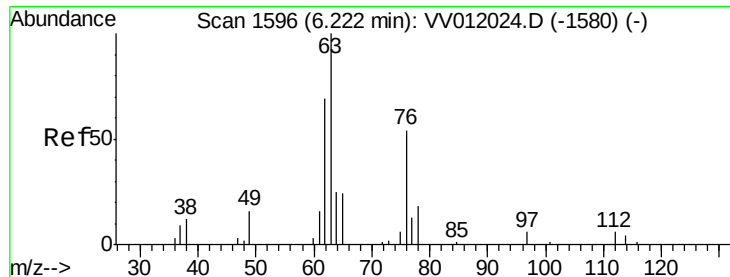
Tgt Ion: 83 Resp: 6467
Ion Ratio Lower Upper
83 100
85 57.2 46.5 86.3



#35
Methylcyclohexane
Concen: 0.639 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012028.D
Acq: 25 Jul 2019 15:03

Tgt Ion: 83 Resp: 11373
Ion Ratio Lower Upper
83 100
55 0.4 63.0 94.4#
98 0.2 41.4 62.0#

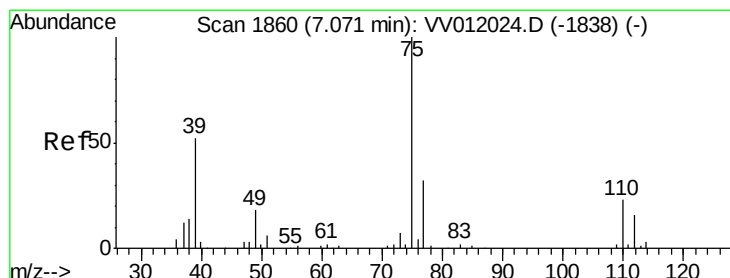
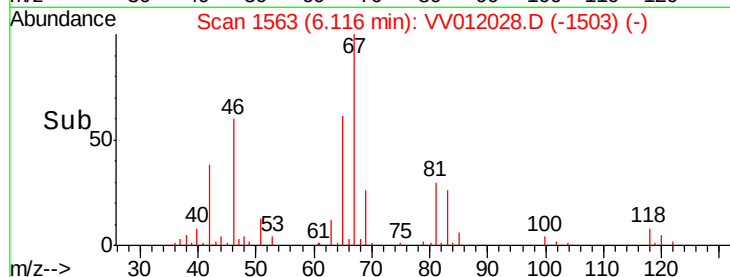
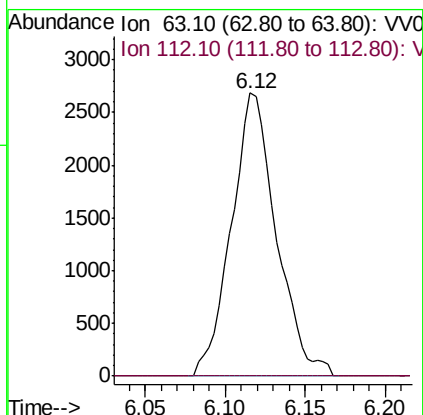
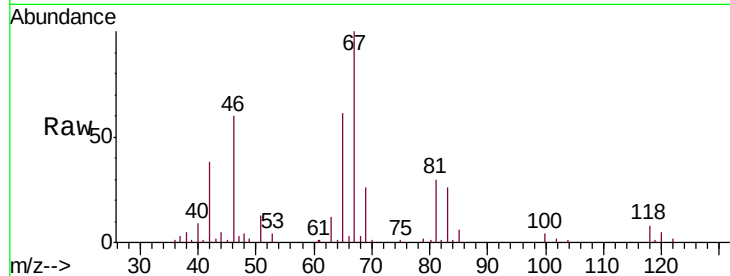




#37
 1,2-Dichloropropane
 Concen: 0.520 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.11 min
 Lab File: VV012028.D
 Acq: 25 Jul 2019 15:03

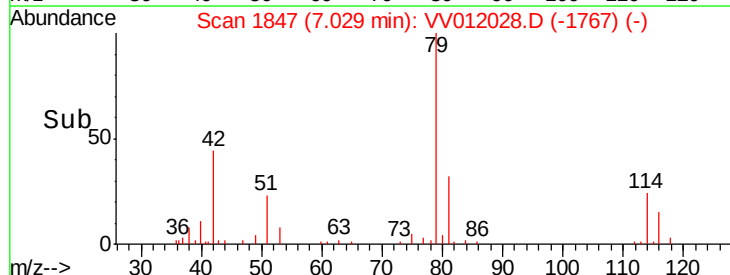
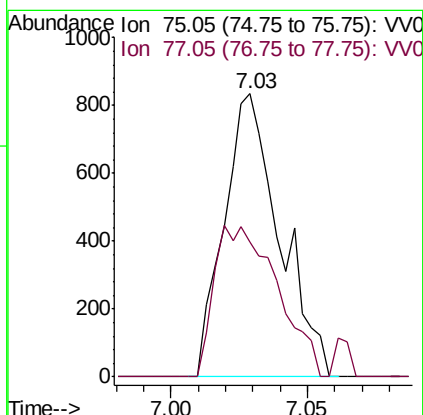
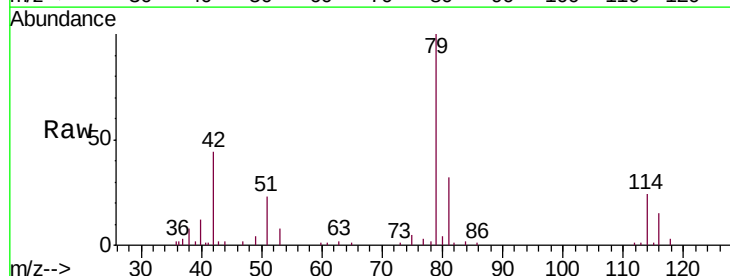
Instrument :
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 ClientSampleId :
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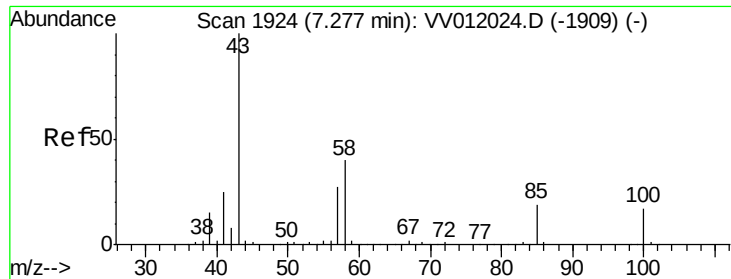
Tgt Ion: 63 Resp: 5147
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.2 6.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.081 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV012028.D
 Acq: 25 Jul 2019 15:03

Tgt Ion: 75 Resp: 1187
 Ion Ratio Lower Upper
 75 100
 77 47.6 21.3 39.6#

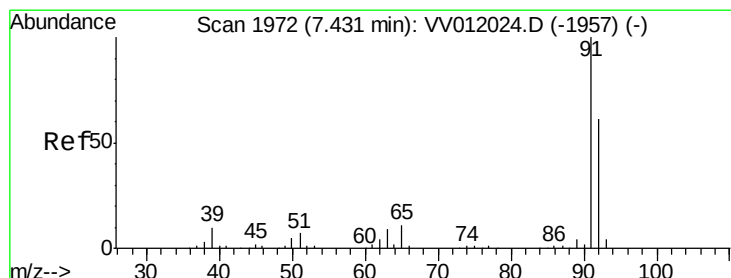
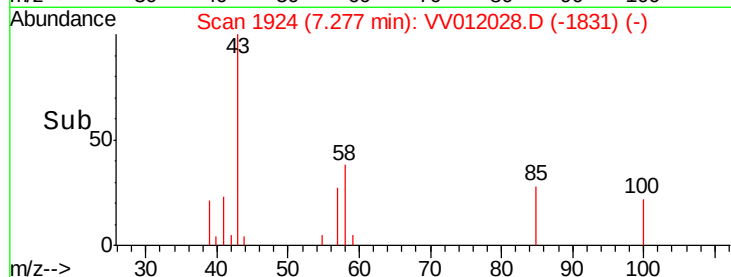
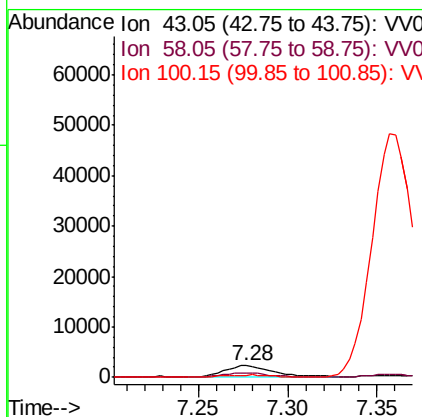
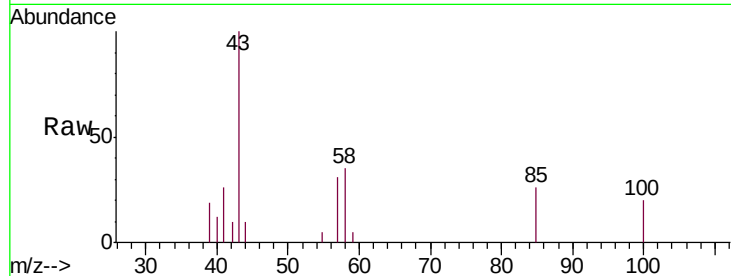




#40
 4-Methyl-2-pentanone
 Concen: 0.819 ug/L
 RT: 7.28 min Scan# 1924
 Delta R.T. 0.00 min
 Lab File: VV012028.D
 Acq: 25 Jul 2019 15:03

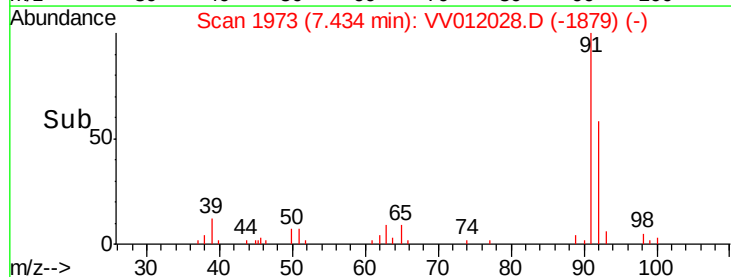
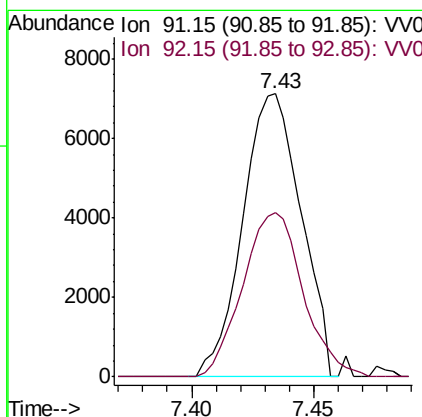
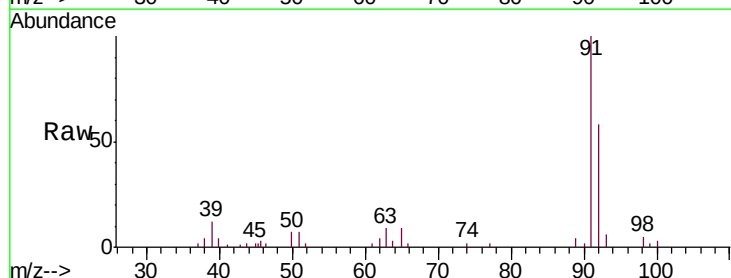
Instrument :
 MSVOA_V
 ClientSampleId :
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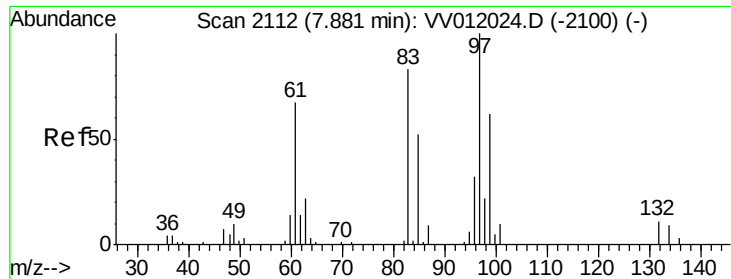
Tgt Ion: 43 Resp: 4528
 Ion Ratio Lower Upper
 43 100
 58 37.3 31.2 46.8
 100 0.0 13.5 20.3#



#42
 Toluene
 Concen: 0.267 ug/L
 RT: 7.43 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VV012028.D
 Acq: 25 Jul 2019 15:03

Tgt Ion: 91 Resp: 11781
 Ion Ratio Lower Upper
 91 100
 92 57.9 41.9 77.9

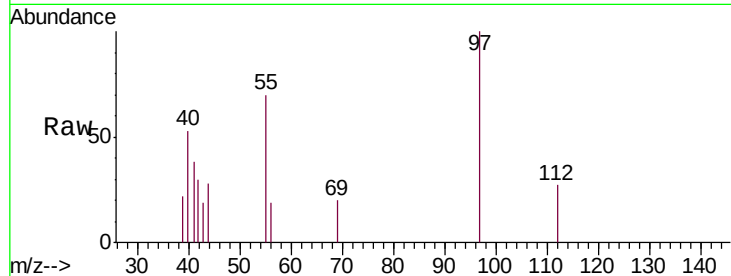




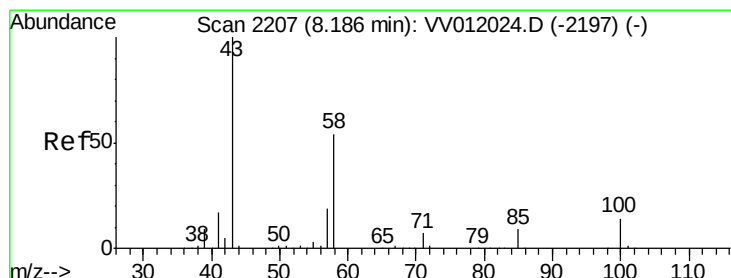
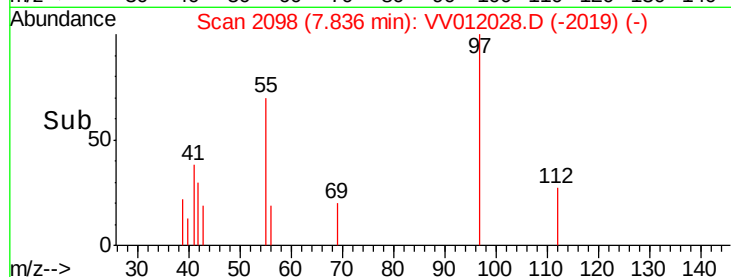
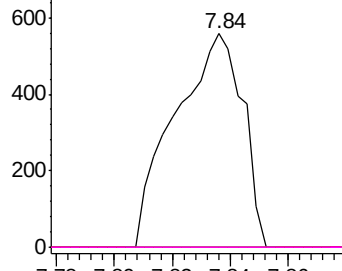
#45
 1,1,2-Trichloroethane
 Concen: 0.133 ug/L
 RT: 7.84 min Scan# 2098
 Delta R.T. -0.04 min
 Lab File: VV012028.D
 Acq: 25 Jul 2019 15:03

Instrument :
 MSVOA_V
 ClientSampleId :
 DB9A6DL

Tgt Ion: 97 Resp: 908
 Ion Ratio Lower Upper
 97 100
 99 0.0 44.0 81.8#
 83 0.0 59.5 110.5#
 85 0.0 36.6 68.0#

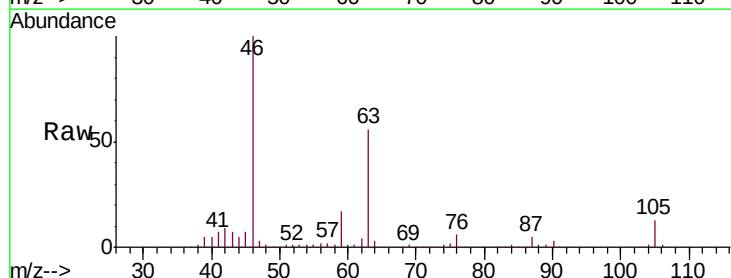


Abundance Ion 96.95 (96.65 to 97.65): VV0
 Ion 99.05 (98.75 to 99.75): VV0
 Ion 82.95 (82.65 to 83.65): VV0
 Ion 85.00 (84.70 to 85.70): VV0

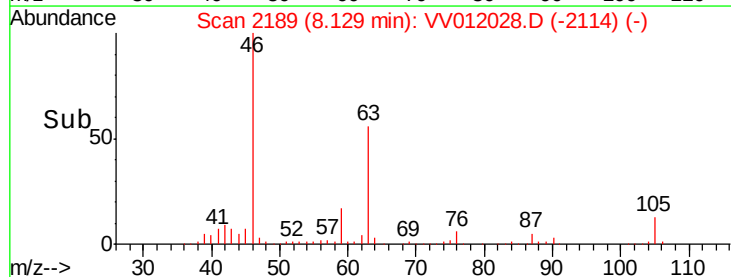
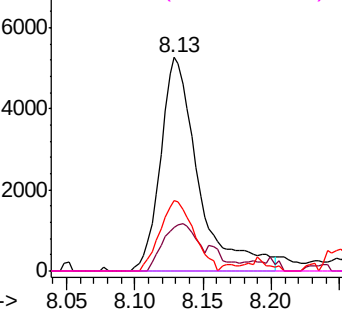


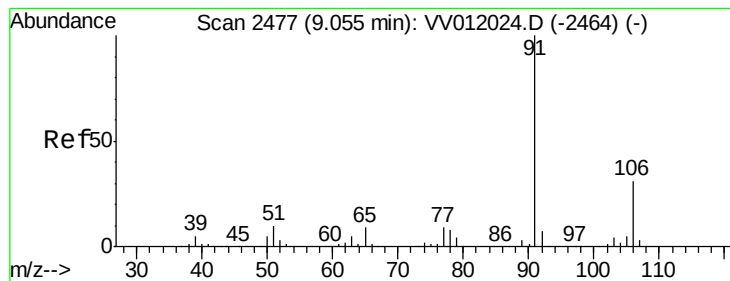
#48
 2-Hexanone
 Concen: 2.621 ug/L
 RT: 8.13 min Scan# 2189
 Delta R.T. -0.06 min
 Lab File: VV012028.D
 Acq: 25 Jul 2019 15:03

Tgt Ion: 43 Resp: 10168
 Ion Ratio Lower Upper
 43 100
 58 19.7 43.7 65.5#
 57 29.2 16.0 24.0#
 100 0.0 10.5 15.7#



Abundance Ion 43.05 (42.75 to 43.75): VV0
 Ion 58.05 (57.75 to 58.75): VV0
 Ion 57.20 (56.90 to 57.90): VV0
 Ion 100.15 (99.85 to 100.85): VV0





#52

Ethylbenzene

Concen: 1.152 ug/L

RT: 9.05 min Scan# 2477

Delta R.T. 0.00 min

Lab File: VV012028.D

Acq: 25 Jul 2019 15:03

Instrument :

MSVOA_V

ClientSampleId :

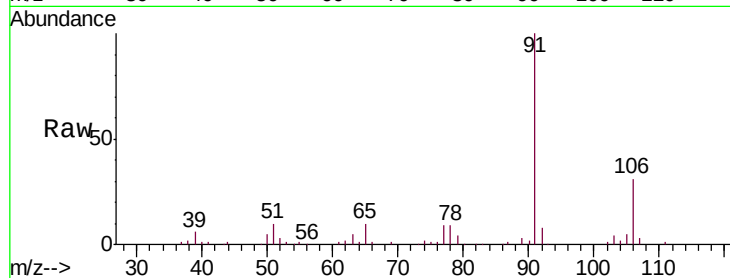
DB9A6DL

Tgt Ion: 91 Resp: 58091

Ion Ratio Lower Upper

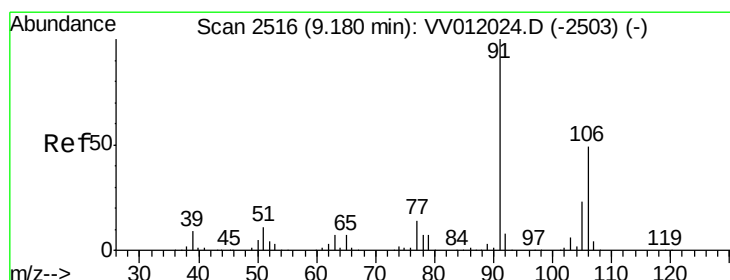
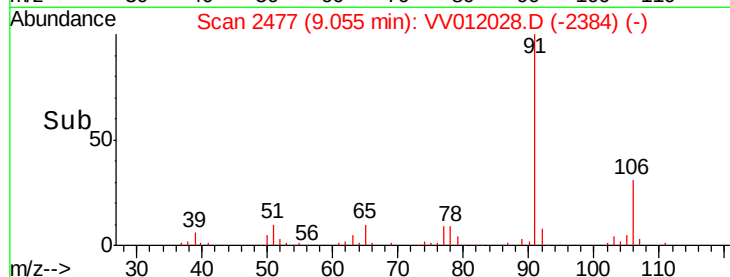
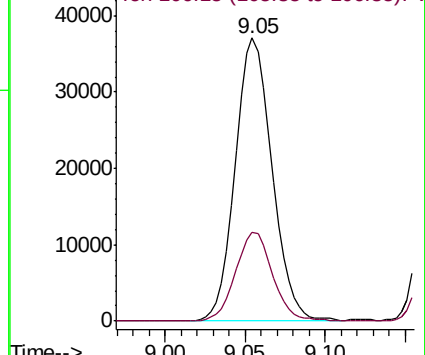
91 100

106 31.4 21.6 40.0



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 106.15 (105.85 to 106.85): V



#53

m,p-xylene

Concen: 5.463 ug/L

RT: 9.18 min Scan# 2516

Delta R.T. 0.00 min

Lab File: VV012028.D

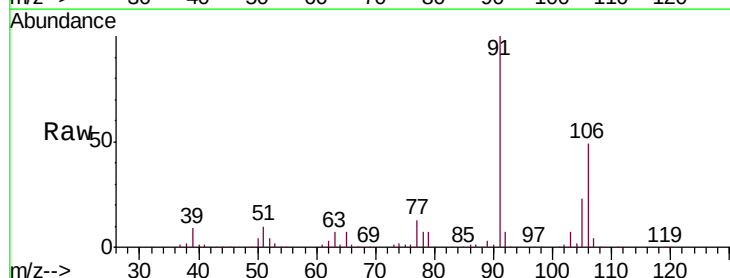
Acq: 25 Jul 2019 15:03

Tgt Ion: 106 Resp: 104868

Ion Ratio Lower Upper

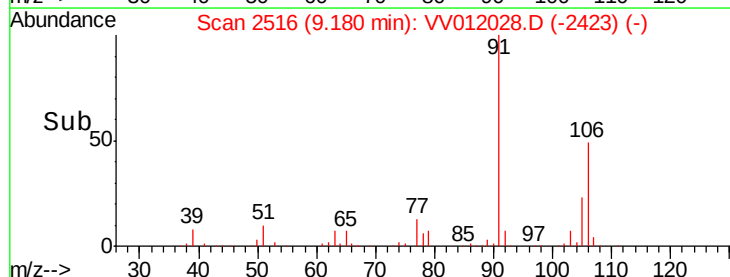
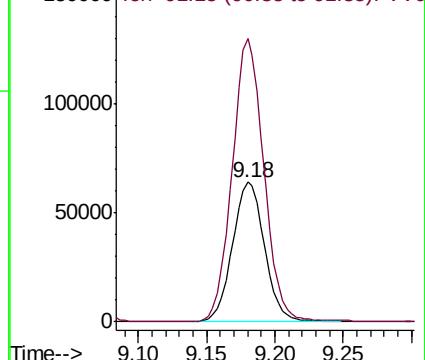
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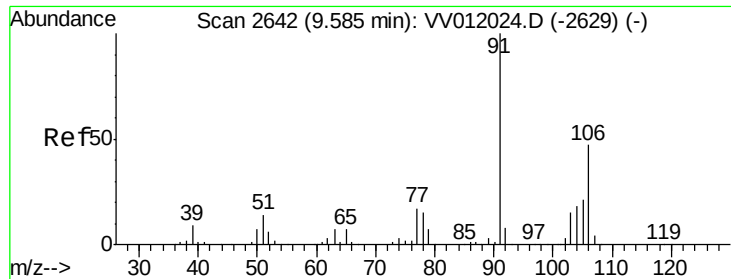
91 202.3 142.7 265.1



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0





#54
 o-xylene
 Concen: 1.513 ug/L
 RT: 9.59 min Scan# 2642
 Delta R.T. 0.00 min
 Lab File: VV012028.D
 Acq: 25 Jul 2019 15:03

Instrument :
 MSVOA_V
 ClientSampleId :
 DB9A6DL

Tgt Ion:106 Resp: 27547
 Ion Ratio Lower Upper
 106 100
 91 206.9 151.0 280.4

