

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101419\
 Data File : VN058765.D
 Acq On : 14 Oct 2019 21:20
 Operator : JC/SP
 Sample : K5266-14RE
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AMENDED-COMPOSITE-CRE

Quant Time: Oct 15 04:26:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 12 00:00:30 2019
 Response via : Initial Calibration

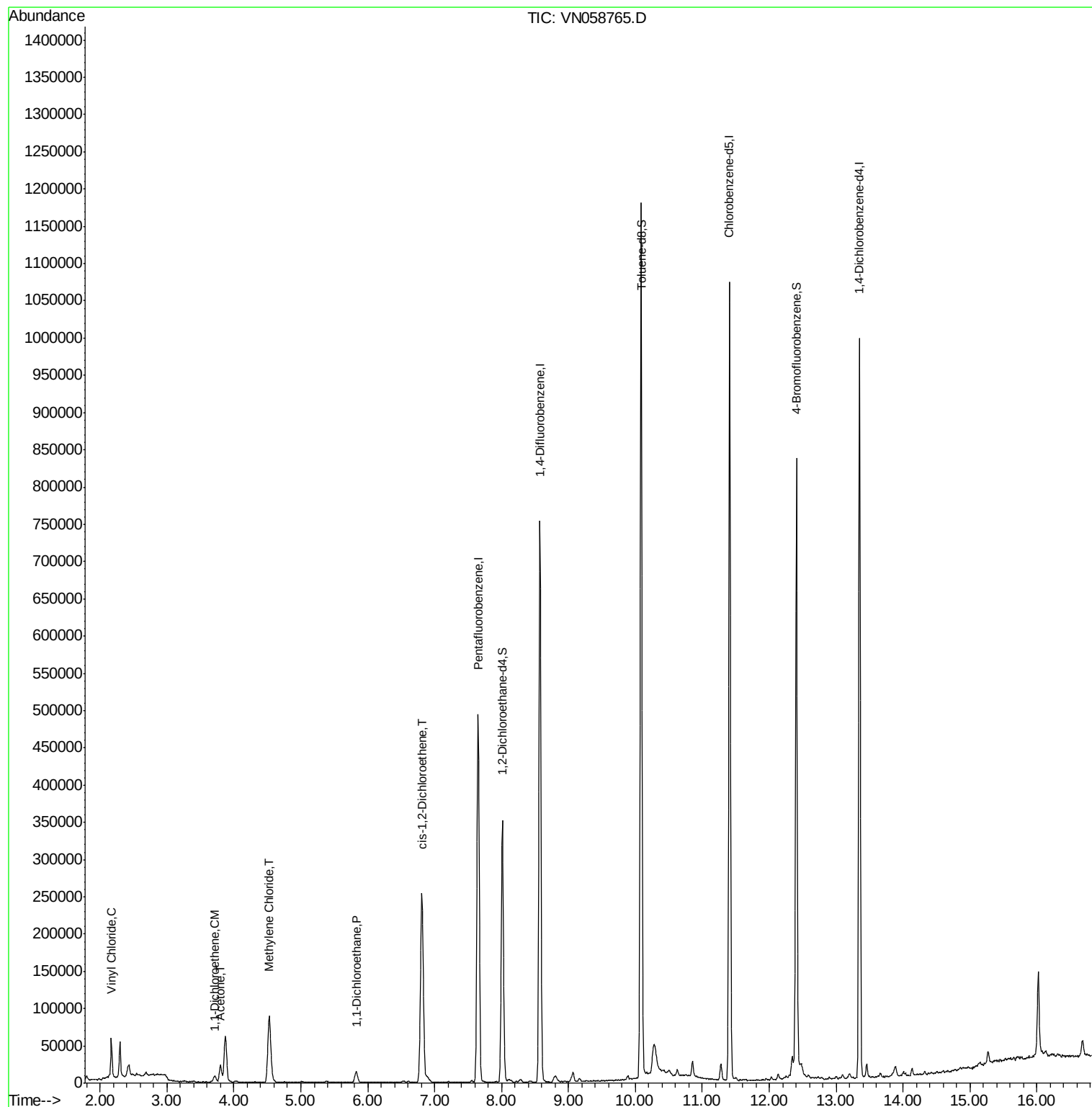
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	384794	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	647282	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	593549	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	251582	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	304009	56.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.86%	
35) Dibromofluoromethane	7.66	113	623	0.16	ug/l	0.08
Spiked Amount	50.000		Recovery	=	0.32%	
50) Toluene-d8	10.08	98	796655	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	
62) 4-Bromofluorobenzene	12.41	95	272219	44.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.96%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.17	62	46876	8.259	ug/l	98
12) 1,1-Dichloroethene	3.72	96	3953	1.070	ug/l #	82
16) Acetone	3.80	43	38968	17.473	ug/l	98
20) Methylene Chloride	4.53	84	66506	14.269	ug/l	98
24) 1,1-Dichloroethane	5.83	63	22125	2.679	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	160507	33.298	ug/l	88

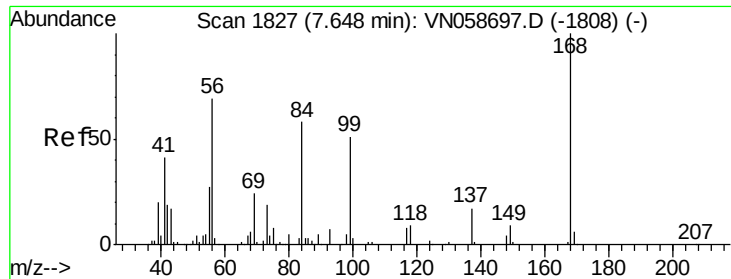
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Oct 12 00:00:30 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058765.D

Acq: 14 Oct 2019 21:20

Instrument :

MSVOA_N

ClientSampleId :

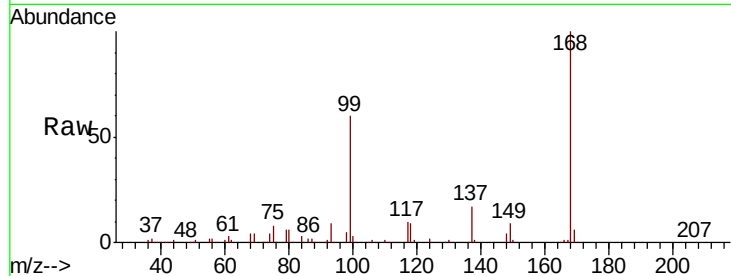
AMENDED-COMPOSITE-CRE

Tot Ion:168 Resp: 384794

Ion Ratio Lower Upper

168 100

99 59.6 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

150000

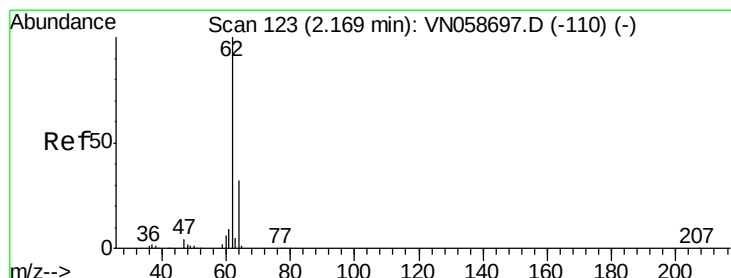
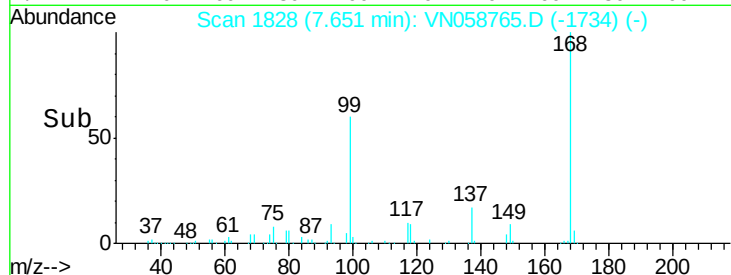
100000

50000

0

Time-->

7.60 7.70



#4

Vinyl Chloride

Concen: 8.259 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN058765.D

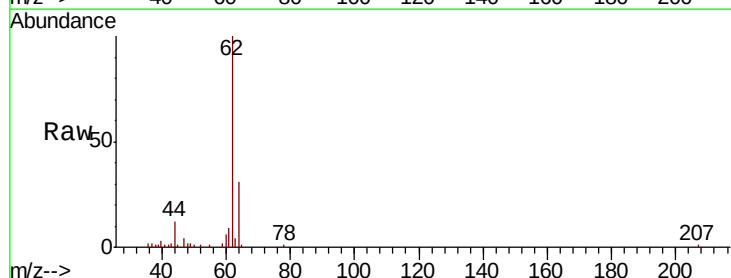
Acq: 14 Oct 2019 21:20

Tgt Ion: 62 Resp: 46876

Ion Ratio Lower Upper

62 100

64 30.7 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VN

Ion 63.90 (63.60 to 64.60): VN

2.17

30000

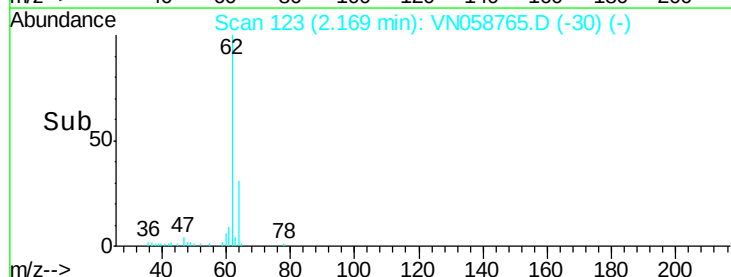
20000

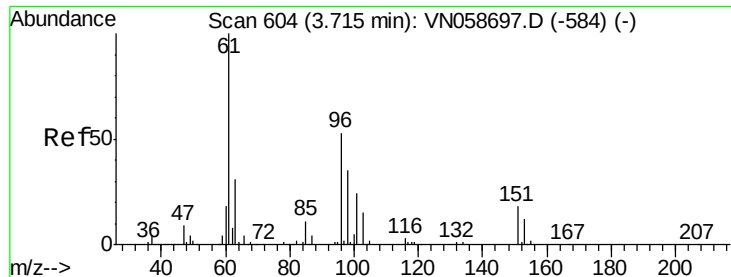
10000

0

Time-->

2.10 2.15 2.20 2.25





#12

1,1-Dichloroethene

Concen: 1.070 ug/l

RT: 3.72 min Scan# 606

Delta R.T. 0.01 min

Lab File: VN058765.D

Acq: 14 Oct 2019 21:20

Instrument :

MSVOA_N

ClientSampleId :

AMENDED-COMPOSITE-CRE

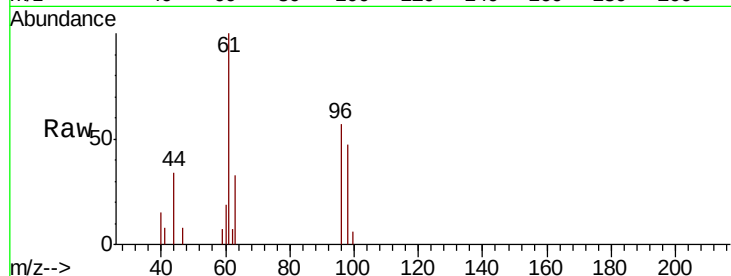
Tot Ion: 96 Resp: 3953

Ion Ratio Lower Upper

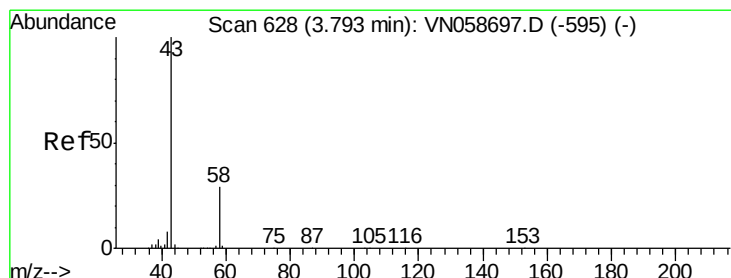
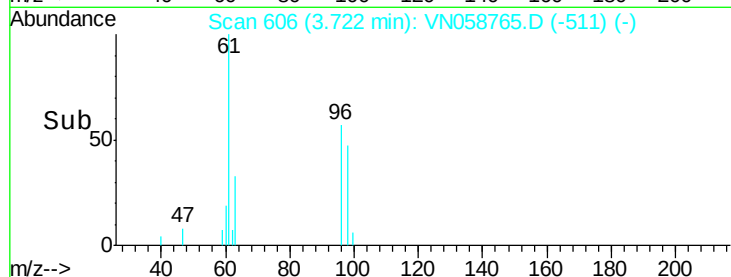
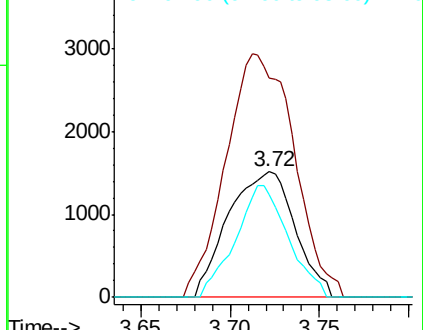
96 100

61 163.6 151.3 226.9

98 82.2 52.6 78.8#



Abundance Ion 95.90 (95.60 to 96.60): VNO
Ion 60.90 (60.60 to 61.60): VNO
Ion 97.90 (97.60 to 98.60): VNO



#16

Acetone

Concen: 17.473 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN058765.D

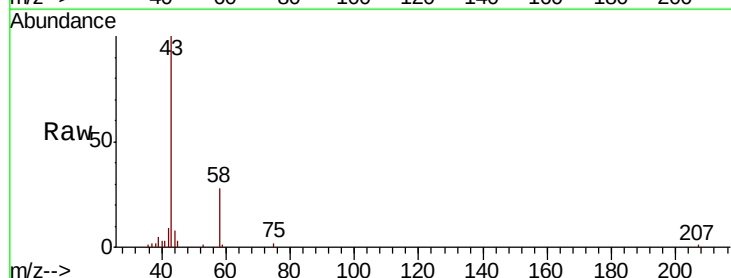
Acq: 14 Oct 2019 21:20

Tgt Ion: 43 Resp: 38968

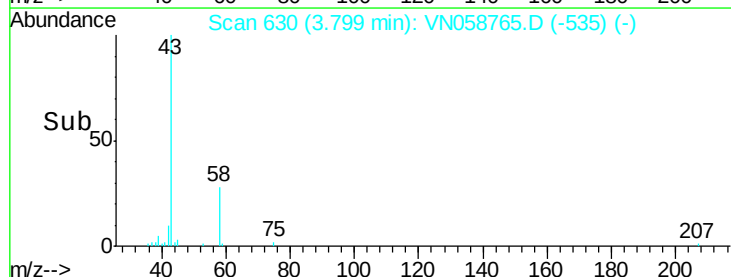
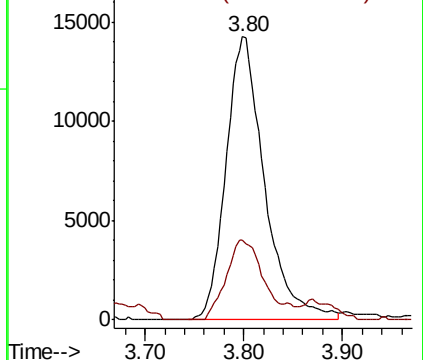
Ion Ratio Lower Upper

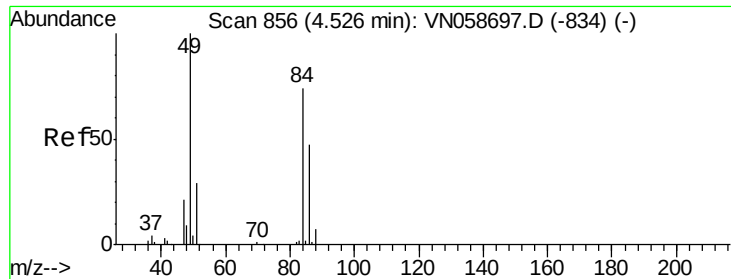
43 100

58 28.2 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 58.00 (57.70 to 58.70): VNO

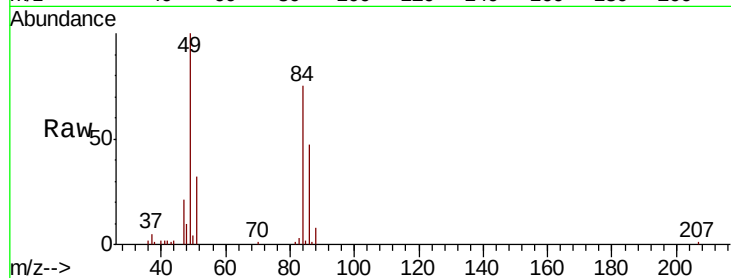




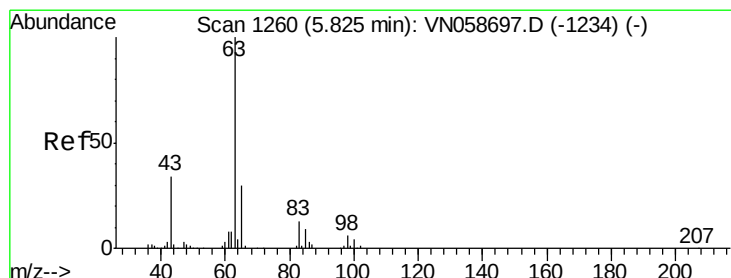
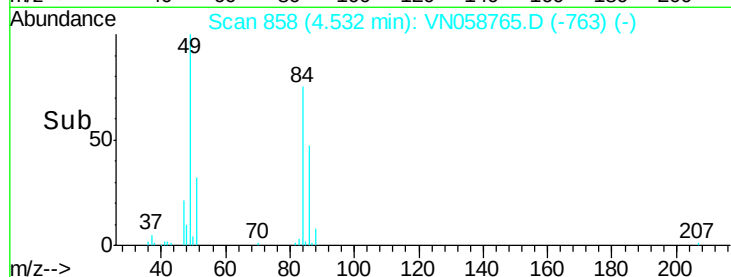
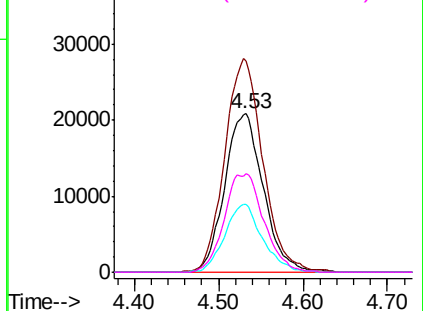
#20
Methylene Chloride
Concen: 14.269 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.01 min
Lab File: VN058765.D
Acq: 14 Oct 2019 21:20

Instrument :
MSVOA_N
ClientSampleId :
AMENDED-COMPOSITE-CRE

Tot Ion:	84	Resp:	66506
Ion	Ratio	Lower	Upper
84	100		
49	133.2	107.6	161.4
51	42.8	31.4	47.0
86	62.0	50.3	75.5

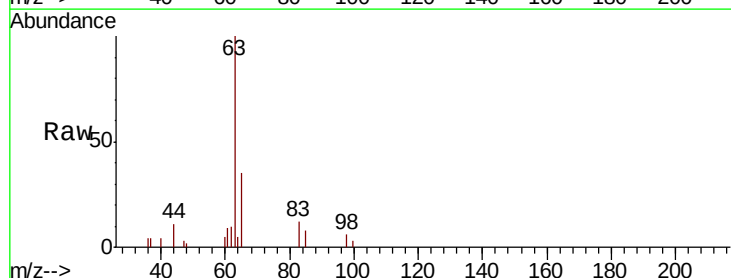


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

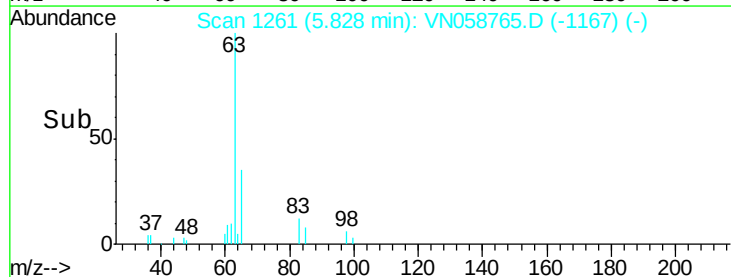
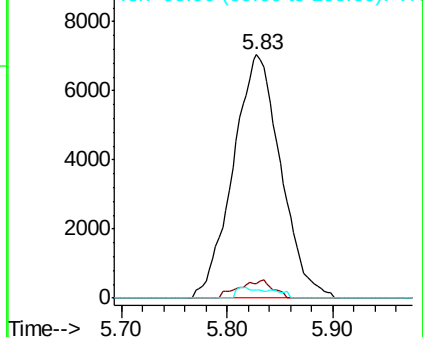


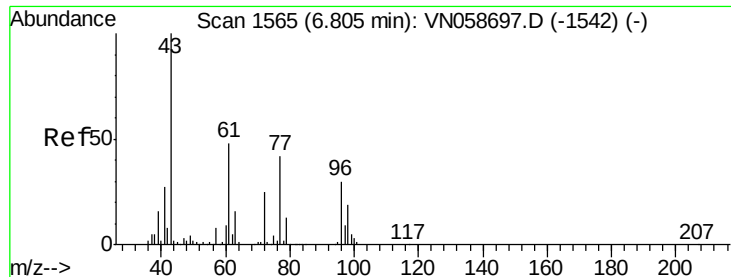
#24
1,1-Dichloroethane
Concen: 2.679 ug/l
RT: 5.83 min Scan# 1261
Delta R.T. 0.00 min
Lab File: VN058765.D
Acq: 14 Oct 2019 21:20

Tgt Ion:	63	Resp:	22125
Ion	Ratio	Lower	Upper
63	100		
98	5.8	2.9	8.6
100	3.2	1.8	5.5



Abundance Ion 62.90 (62.60 to 63.60): VN0
Ion 97.90 (97.60 to 98.60): VN0
Ion 99.90 (99.60 to 100.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 33.298 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN058765.D

Acq: 14 Oct 2019 21:20

Instrument :

MSVOA_N

ClientSampleId :

AMENDED-COMPOSITE-CRE

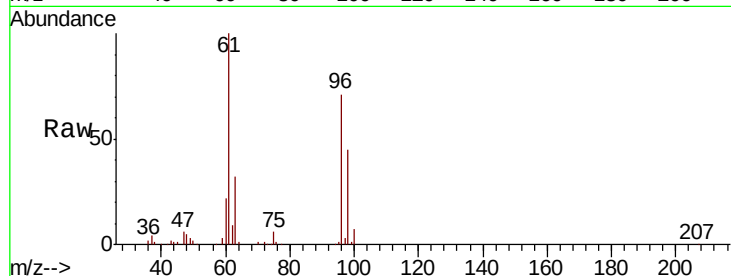
Tot Ion: 96 Resp: 160507

Ion Ratio Lower Upper

96 100

61 140.4 0.0 324.8

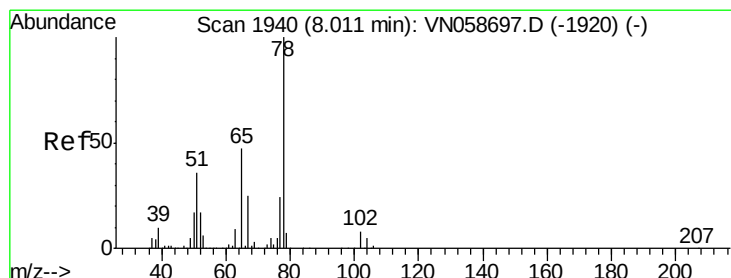
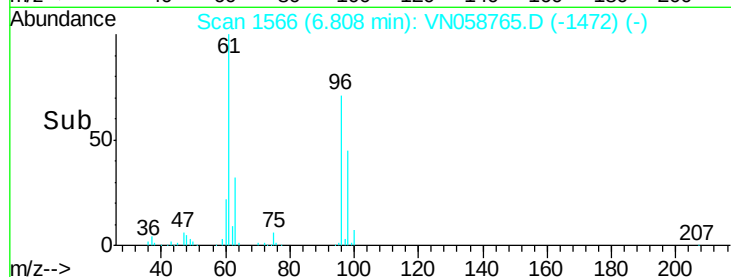
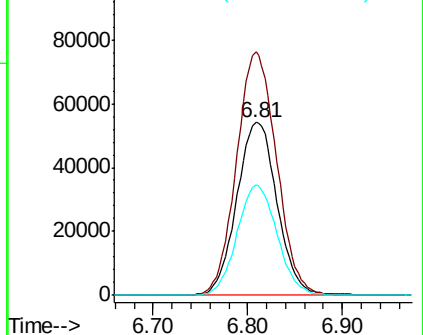
98 63.3 0.0 129.2



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 56.433 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. -0.00 min

Lab File: VN058765.D

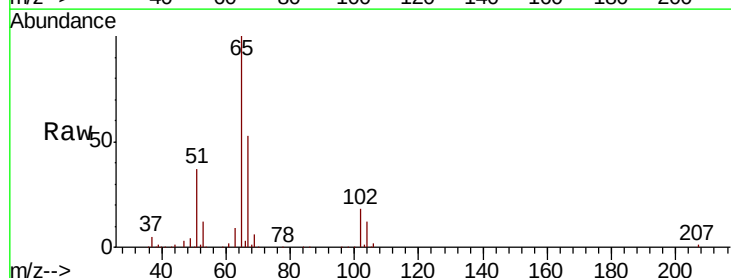
Acq: 14 Oct 2019 21:20

Tgt Ion: 65 Resp: 304009

Ion Ratio Lower Upper

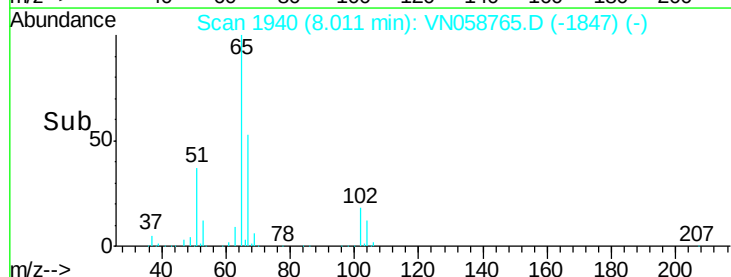
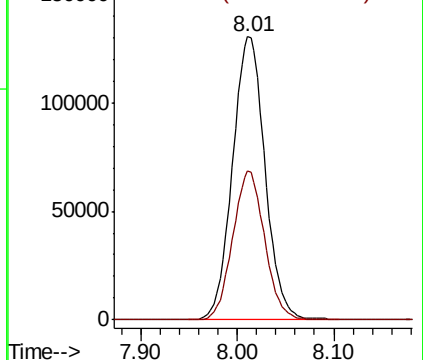
65 100

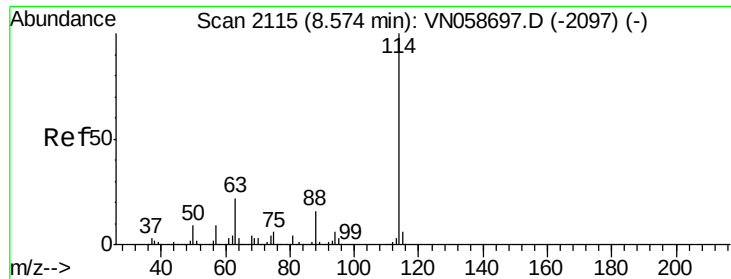
67 51.6 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

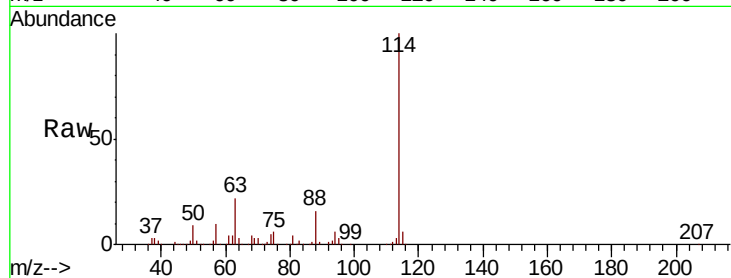




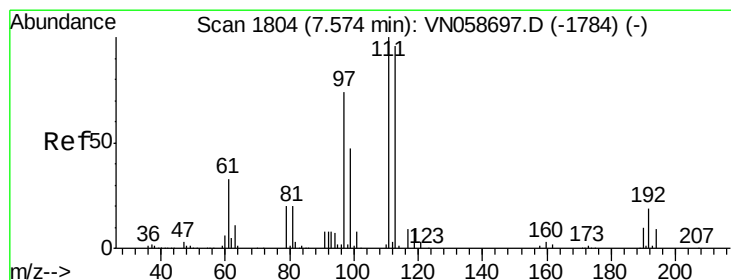
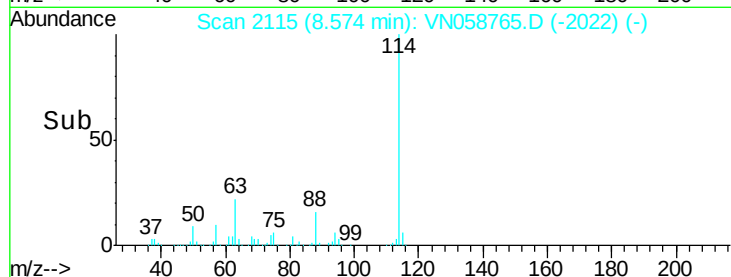
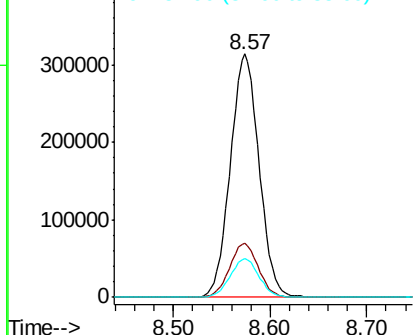
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN058765.D
 Acq: 14 Oct 2019 21:20

Instrument :
 MSVOA_N
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 AMENDED-COMPOSITE-CRE

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	43.8
88	15.9	0.0	32.0

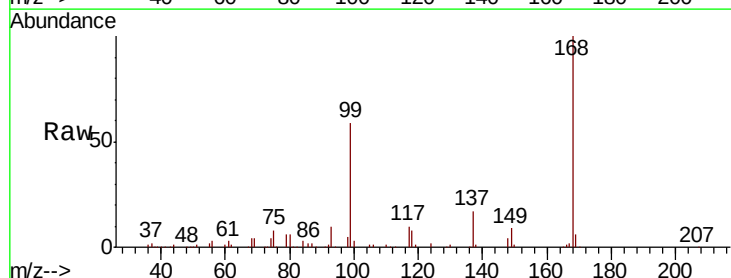


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

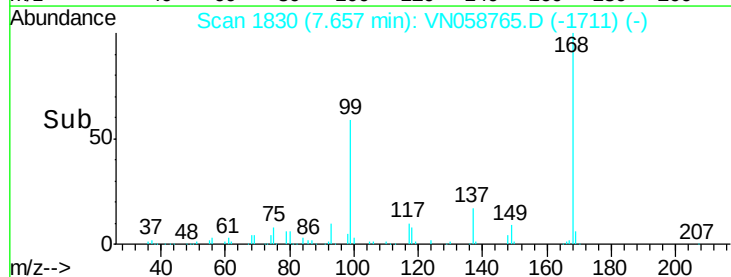
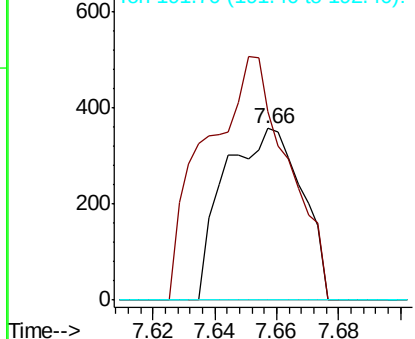


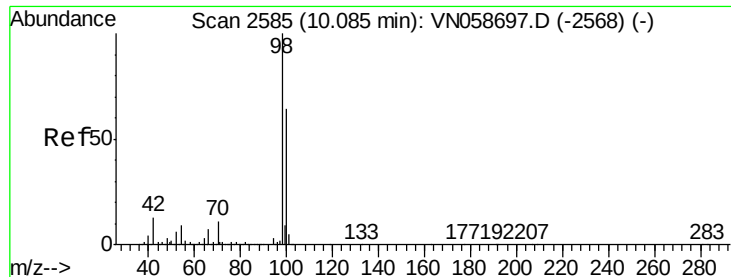
#35
 Dibromofluoromethane
 Concen: 0.156 ug/l
 RT: 7.66 min Scan# 1830
 Delta R.T. 0.08 min
 Lab File: VN058765.D
 Acq: 14 Oct 2019 21:20

Tgt Ion	Ratio	Lower	Upper
113	100		
111	150.2	82.3	123.5#
192	0.0	15.0	22.6#



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

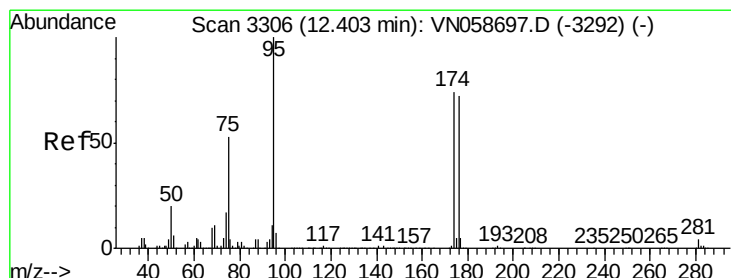
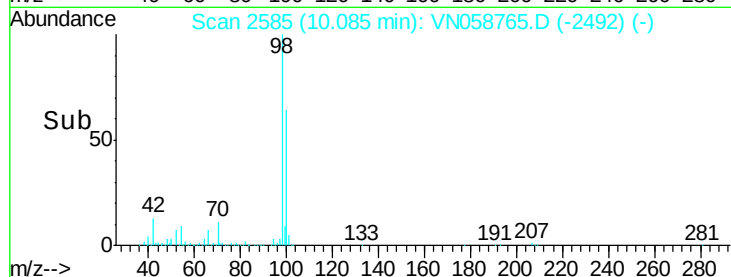
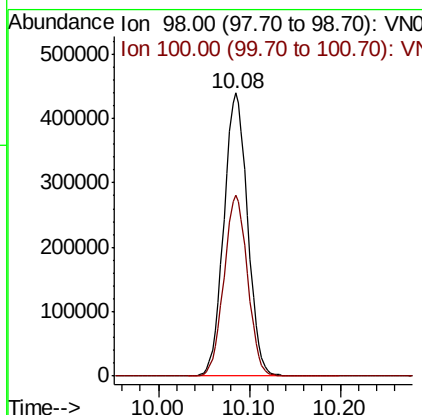
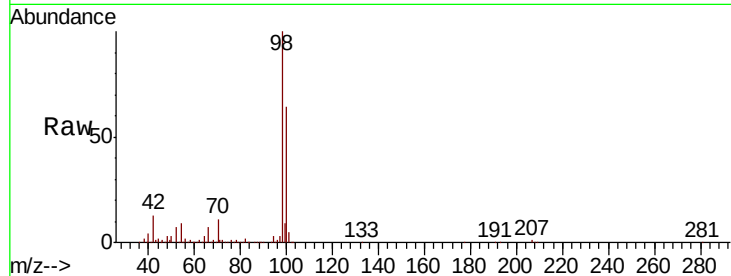




#50
Toluene-d8
Concen: 49.828 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN058765.D
Acq: 14 Oct 2019 21:20

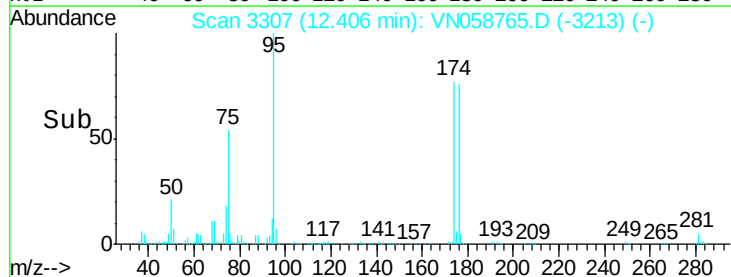
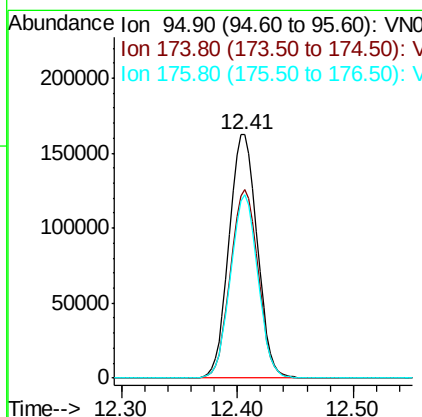
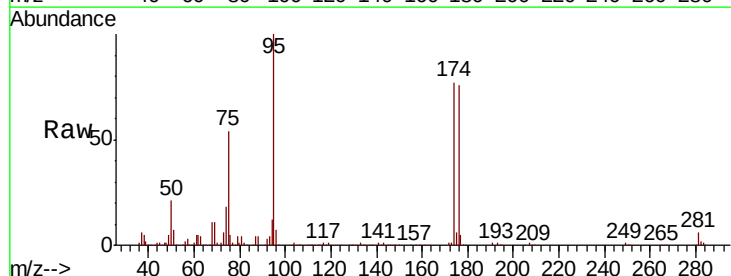
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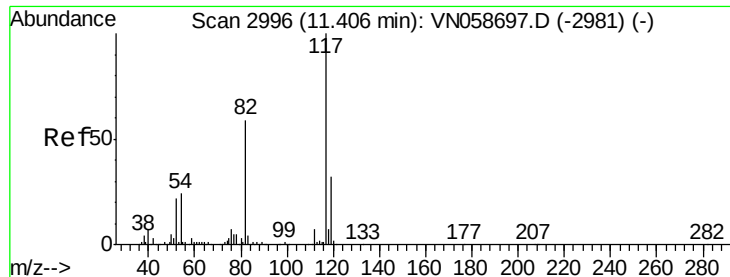
Tot Ion: 98 Resp: 796655
Ion Ratio Lower Upper
98 100
100 63.4 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 44.981 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058765.D
Acq: 14 Oct 2019 21:20

Tgt Ion: 95 Resp: 272219
Ion Ratio Lower Upper
95 100
174 76.5 0.0 150.4
176 73.1 0.0 146.8

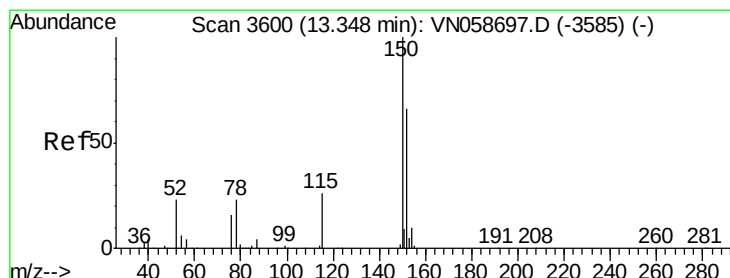
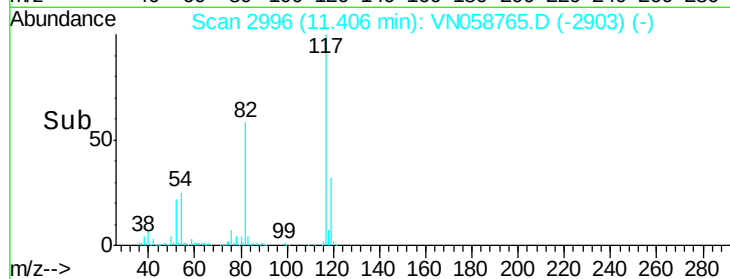
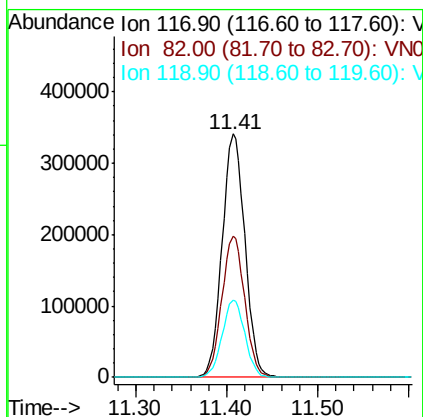
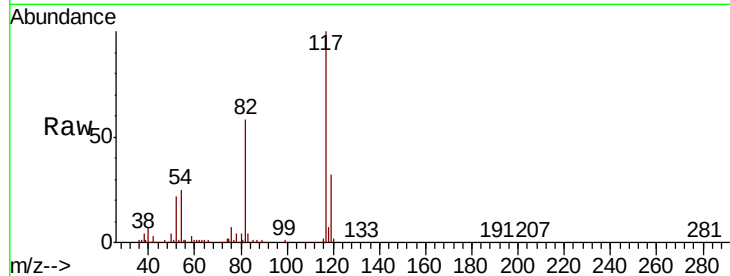




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN058765.D
Acq: 14 Oct 2019 21:20

Instrument :
MSVOA_N
ClientSampleId :
AMENDED-COMPOSITE-CRE

Tot Ion:117 Resp: 593549
Ion Ratio Lower Upper
117 100
82 57.9 47.0 70.4
119 31.6 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN058765.D
Acq: 14 Oct 2019 21:20

Tgt Ion:152 Resp: 251582
Ion Ratio Lower Upper
152 100
115 61.1 30.4 91.2
150 158.0 0.0 345.4

