

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX041219\
 Data File : VX008918.D
 Acq On : 13 Apr 2019 04:22
 Operator : JC/SP
 Sample : K2364-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OR-COMP-1

Quant Time: Apr 13 07:06:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

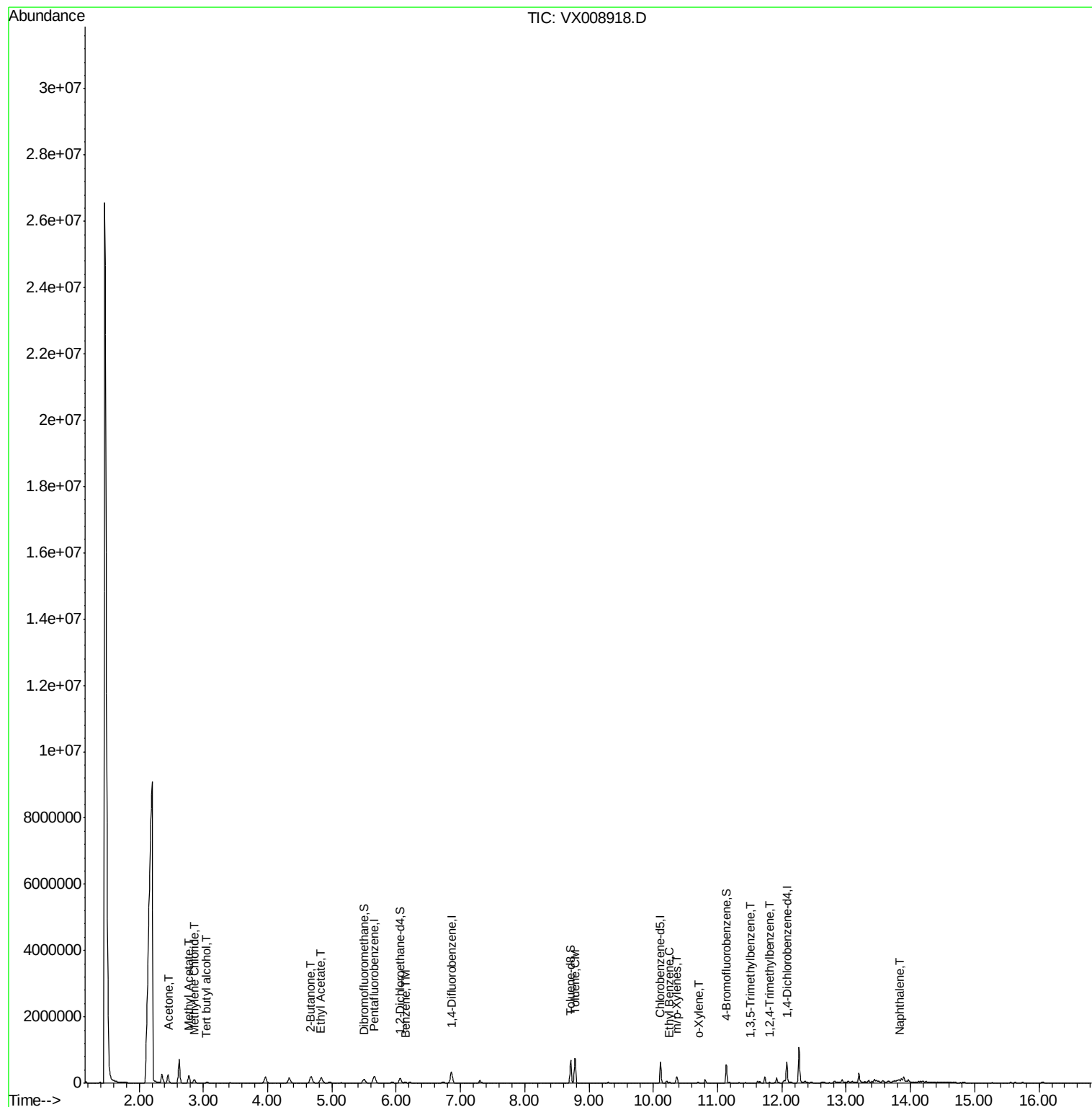
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	200444	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	321083	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	281414	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	123182	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	127160	43.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.98%	
35) Dibromofluoromethane	5.50	113	93311	45.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.90%	
50) Toluene-d8	8.71	98	398764	48.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.56%	
62) 4-Bromofluorobenzene	11.13	95	138650	47.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.66%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.06	59	23704	34.632	ug/l	99
16) Acetone	2.45	43	285484	169.537	ug/l	99
18) Methyl Acetate	2.78	43	288637	70.676	ug/l	99
20) Methylene Chloride	2.85	84	45072	15.991	ug/l	99
25) 2-Butanone	4.67	43	359406	135.041	ug/l	99
37) Ethyl Acetate	4.83	43	298515	63.720	ug/l	99
40) Benzene	6.14	78	32229	3.082	ug/l	99
52) Toluene	8.78	92	277301	44.985	ug/l	100
67) Ethyl Benzene	10.25	91	8038	0.691	ug/l	95
68) m/p-Xylenes	10.35	106	13054	3.121	ug/l	100
69) o-Xylene	10.70	106	4737	1.169	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	3110	0.363	ug/l	92
84) 1,2,4-Trimethylbenzene	11.80	105	13368	1.541	ug/l	84
95) Naphthalene	13.83	128	11943	1.178	ug/l #	92

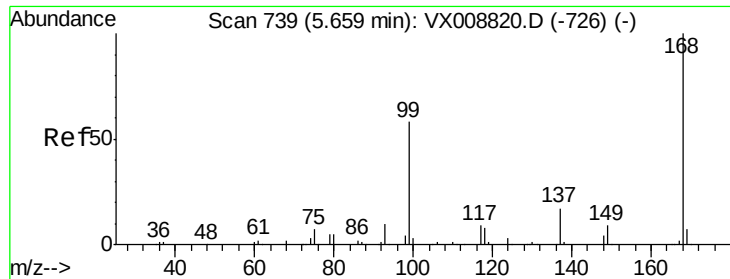
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX041219\
Data File : VX008918.D
Acq On : 13 Apr 2019 04:22
Operator : JC/SP
Sample : K2364-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
OR-COMP-1

Quant Time: Apr 13 07:06:47 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008918.D

Acq: 13 Apr 2019 04:22

Instrument :

MSVOA_X

ClientSampleId :

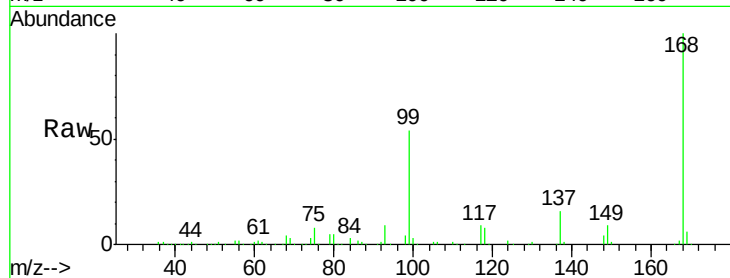
OR-COMP-1

Tgt Ion:168 Resp: 200444

Ion Ratio Lower Upper

168 100

99 53.8 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

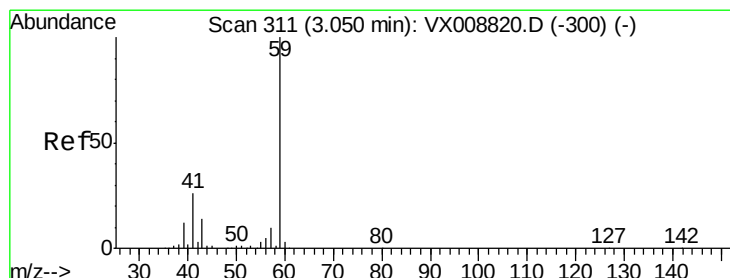
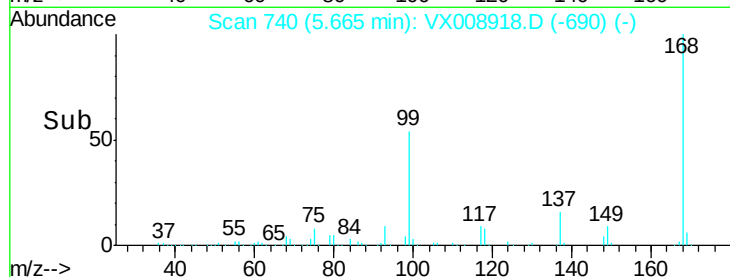
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 34.632 ug/l

RT: 3.06 min Scan# 312

Delta R.T. -0.00 min

Lab File: VX008918.D

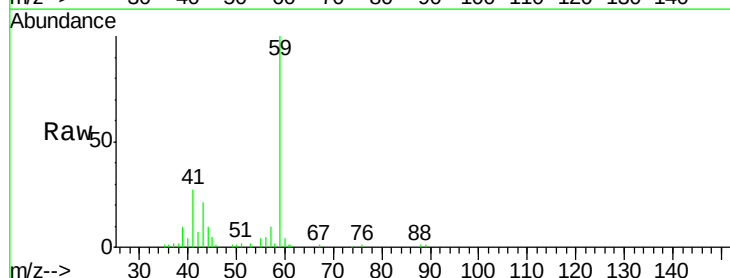
Acq: 13 Apr 2019 04:22

Tgt Ion: 59 Resp: 23704

Ion Ratio Lower Upper

59 100

57 10.8 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.06

12000

10000

8000

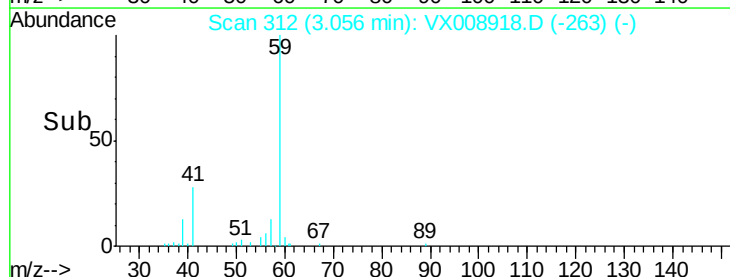
6000

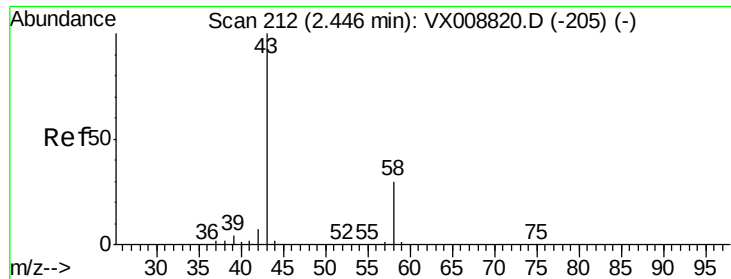
4000

2000

0

Time--> 3.00 3.10 3.20





#16

Acetone

Concen: 169.537 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX008918.D

Acq: 13 Apr 2019 04:22

Instrument :

MSVOA_X

ClientSampleId :

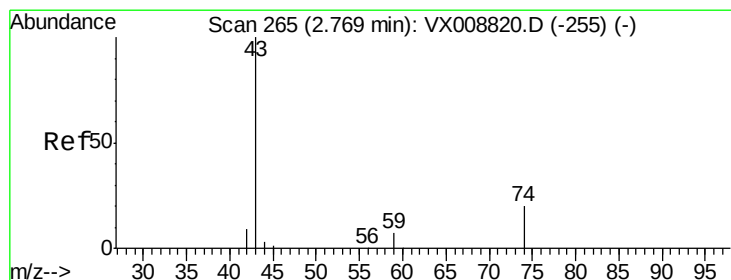
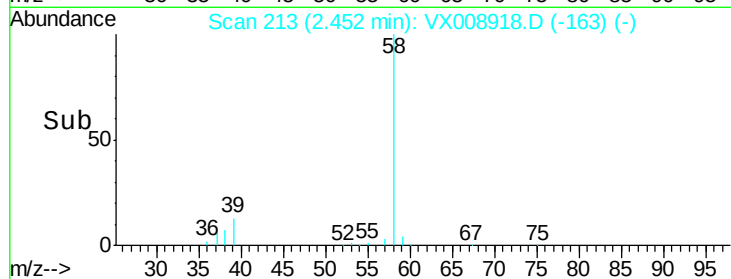
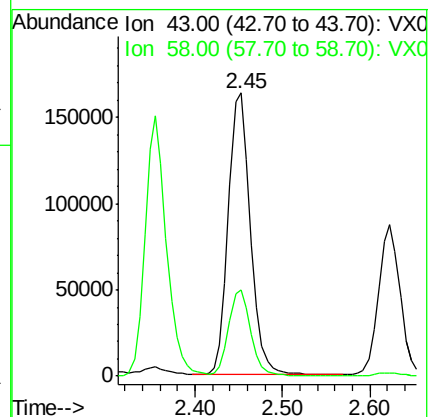
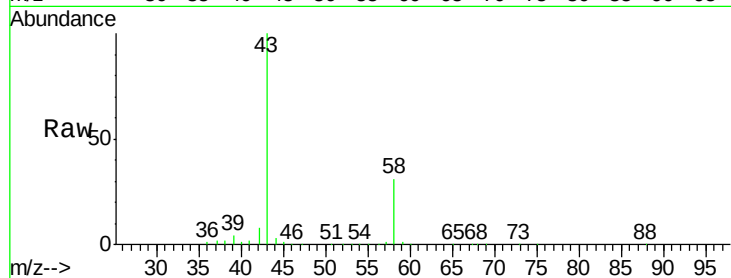
OR-COMP-1

Tgt Ion: 43 Resp: 285484

Ion Ratio Lower Upper

43 100

58 30.6 24.8 37.2



#18

Methyl Acetate

Concen: 70.676 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX008918.D

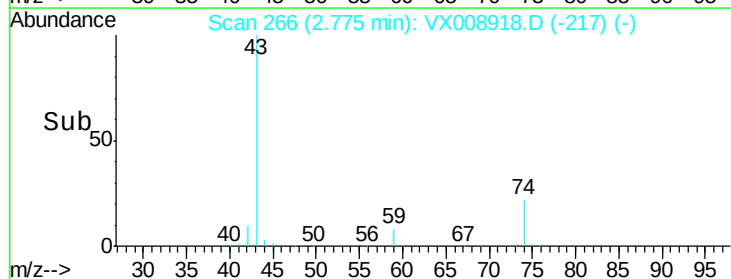
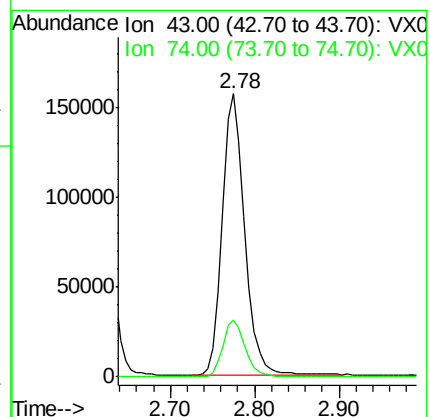
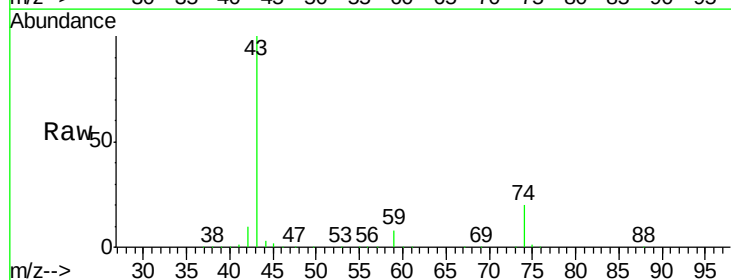
Acq: 13 Apr 2019 04:22

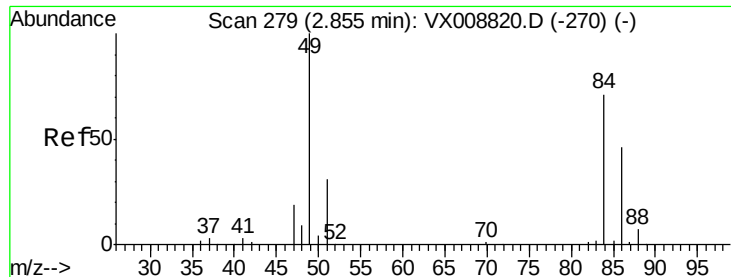
Tgt Ion: 43 Resp: 288637

Ion Ratio Lower Upper

43 100

74 20.3 16.5 24.7

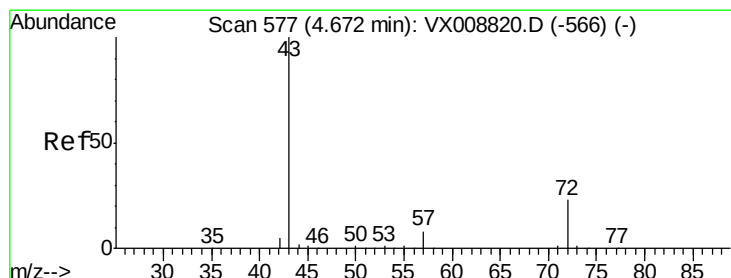
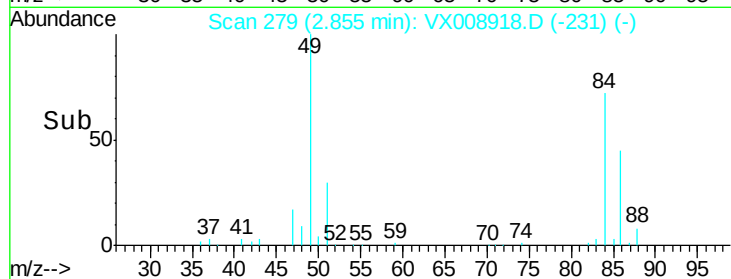
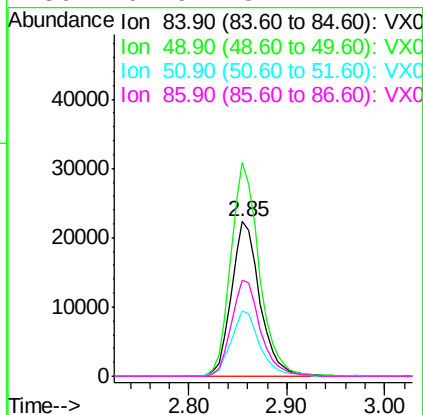
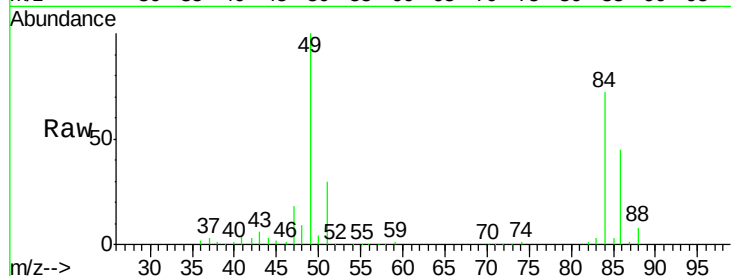




#20
Methylene Chloride
Concen: 15.991 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008918.D
Acq: 13 Apr 2019 04:22

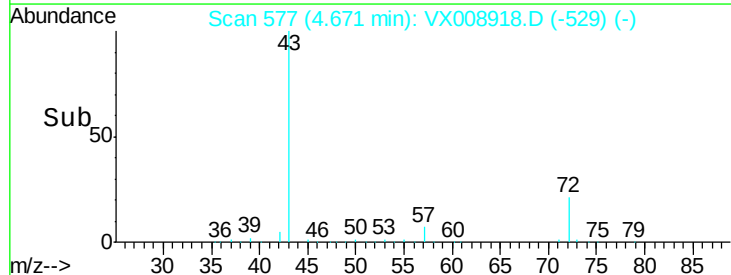
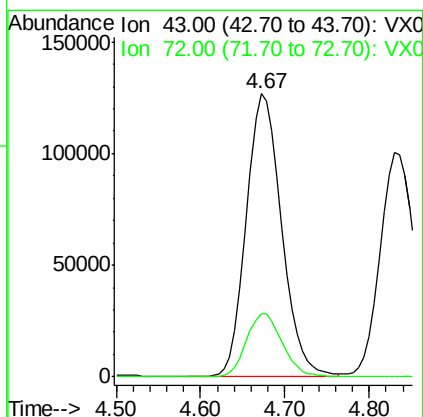
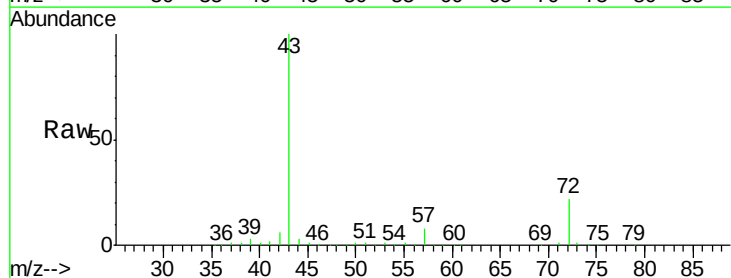
Instrument :
MSVOA_X
ClientSampleId :
OR-COMP-1

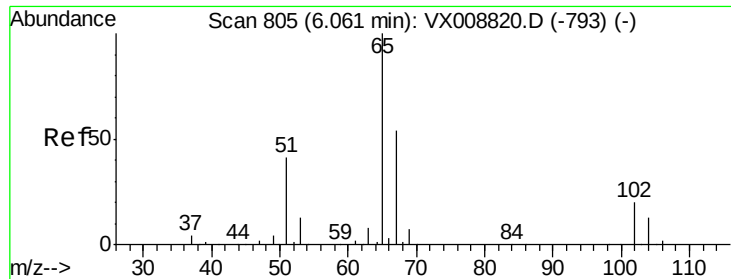
Tgt Ion: 84 Resp: 45072
Ion Ratio Lower Upper
84 100
49 138.1 109.7 164.5
51 42.0 33.6 50.4
86 61.9 51.4 77.2



#25
2-Butanone
Concen: 135.041 ug/l
RT: 4.67 min Scan# 577
Delta R.T. -0.01 min
Lab File: VX008918.D
Acq: 13 Apr 2019 04:22

Tgt Ion: 43 Resp: 359406
Ion Ratio Lower Upper
43 100
72 22.4 18.2 27.4

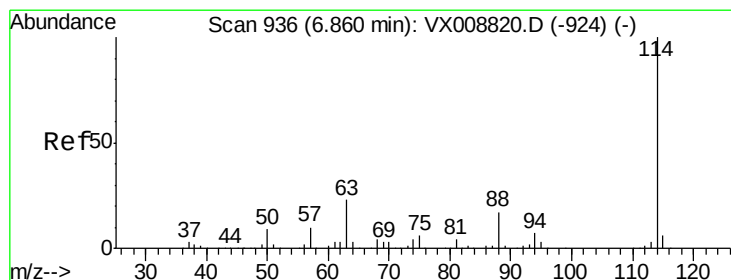
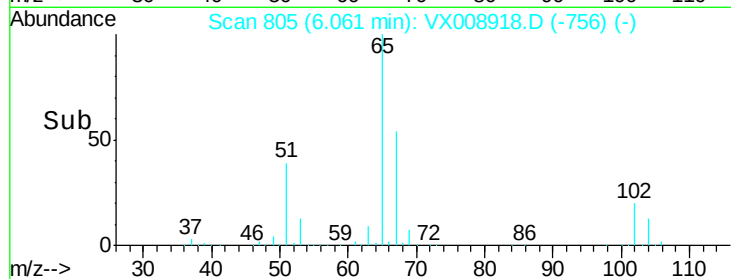
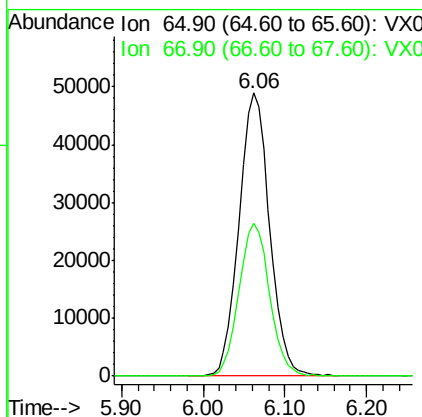
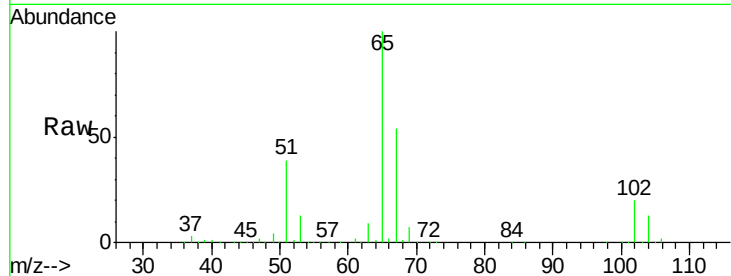




#33
 1,2-Dichloroethane-d4
 Concen: 43.494 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008918.D
 Acq: 13 Apr 2019 04:22

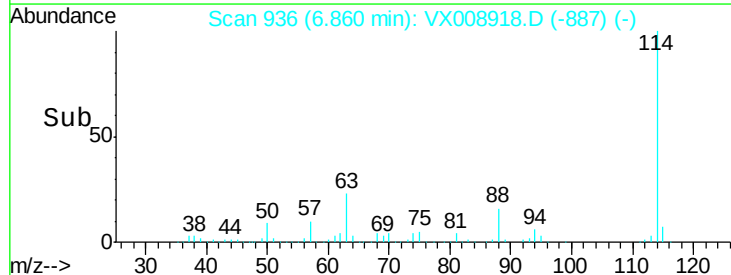
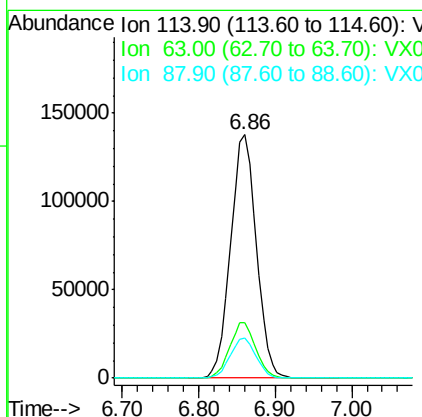
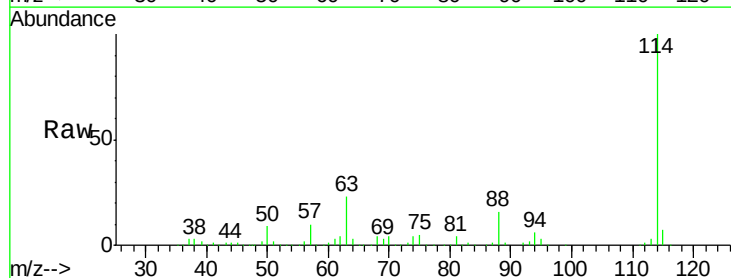
Instrument :
 MSVOA_X
 ClientSampled :
 OR-COMP-1

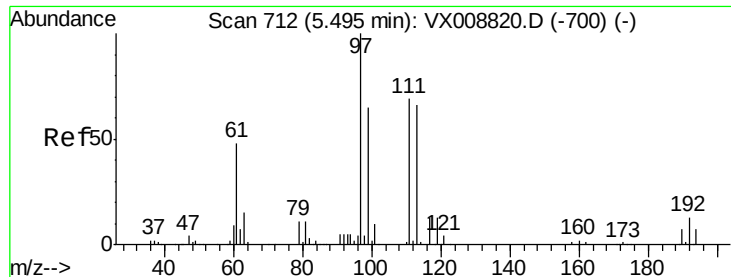
Tgt Ion: 65 Resp: 127160
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008918.D
 Acq: 13 Apr 2019 04:22

Tgt Ion: 114 Resp: 321083
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 47.2
 88 16.3 0.0 34.0





#35

Dibromofluoromethane

Concen: 45.454 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008918.D

Acq: 13 Apr 2019 04:22

Instrument :

MSVOA_X

ClientSampleId :

OR-COMP-1

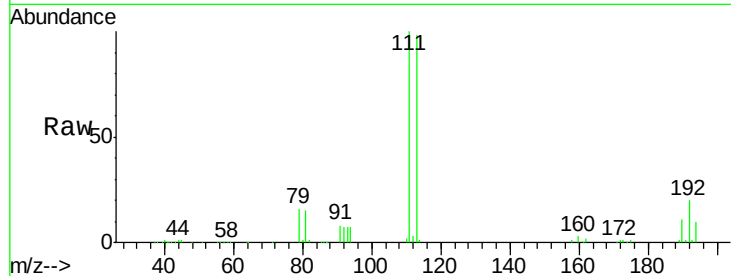
Tgt Ion:113 Resp: 93311

Ion Ratio Lower Upper

113 100

111 103.7 83.4 125.2

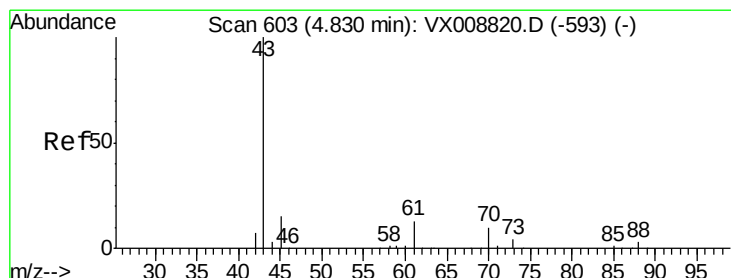
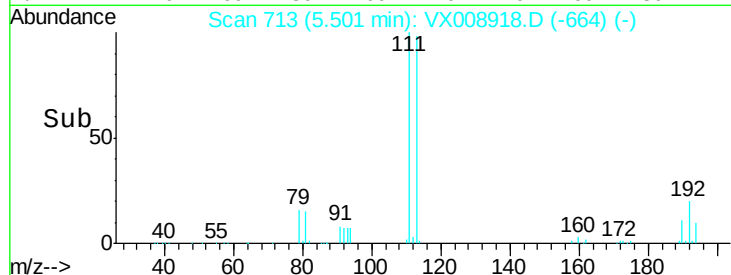
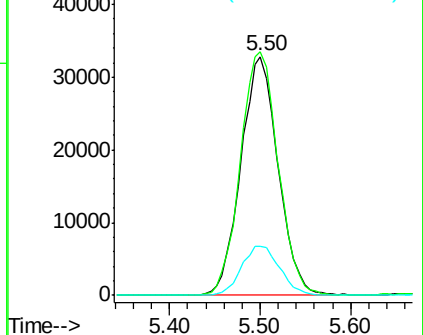
192 21.3 16.1 24.1



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



#37

Ethyl Acetate

Concen: 63.720 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX008918.D

Acq: 13 Apr 2019 04:22

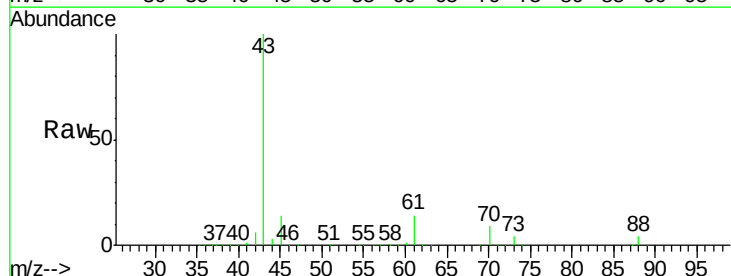
Tgt Ion: 43 Resp: 298515

Ion Ratio Lower Upper

43 100

61 13.5 10.3 15.5

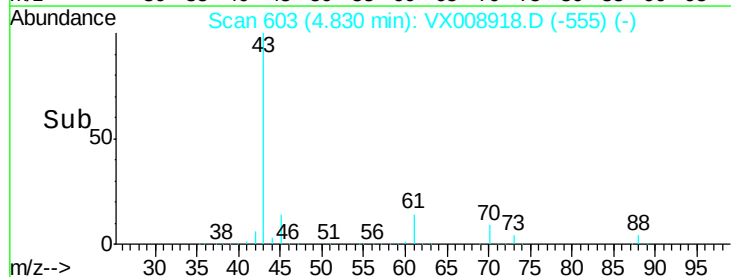
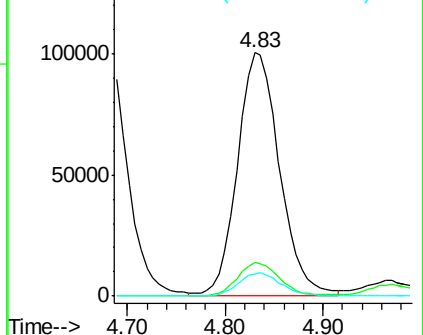
70 9.8 7.6 11.4

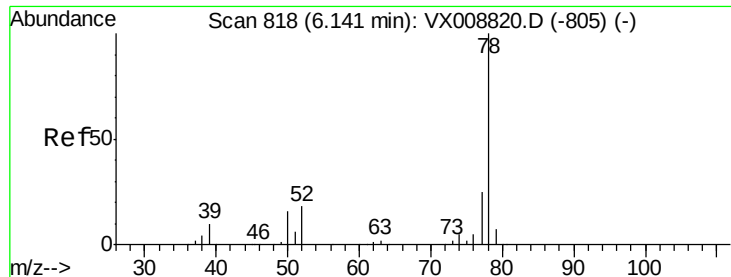


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0





#40

Benzene

Concen: 3.082 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX008918.D

Acq: 13 Apr 2019 04:22

Instrument :

MSVOA_X

ClientSampled :

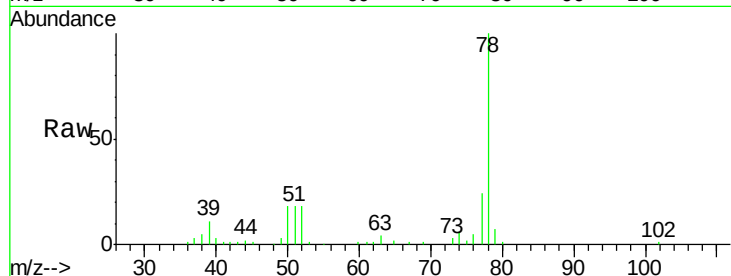
OR-COMP-1

Tgt Ion: 78 Resp: 32229

Ion Ratio Lower Upper

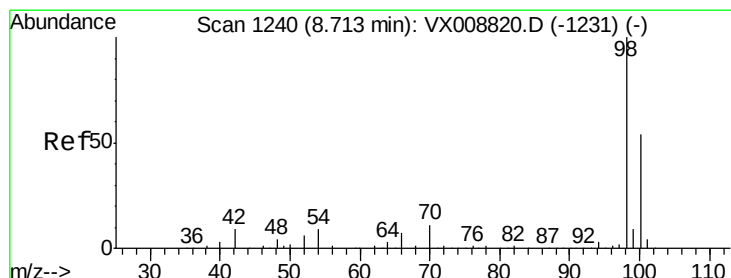
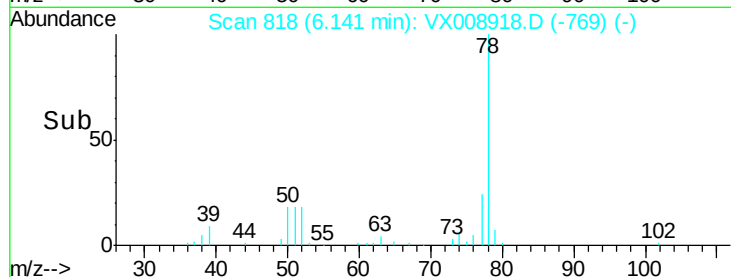
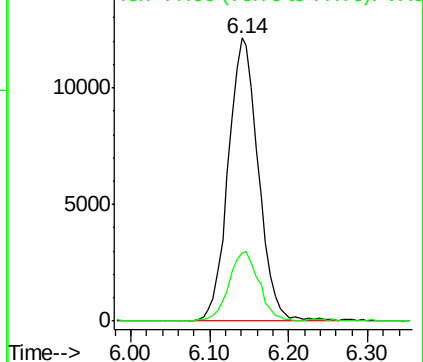
78 100

77 24.2 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#50

Toluene-d8

Concen: 48.784 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008918.D

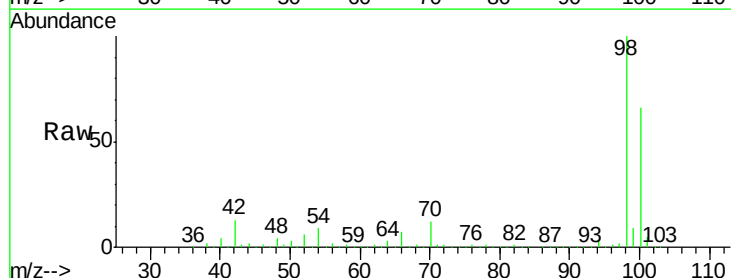
Acq: 13 Apr 2019 04:22

Tgt Ion: 98 Resp: 398764

Ion Ratio Lower Upper

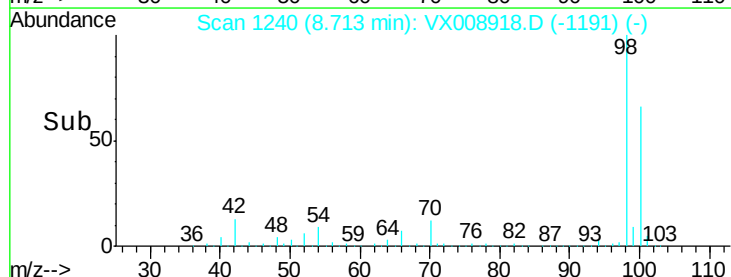
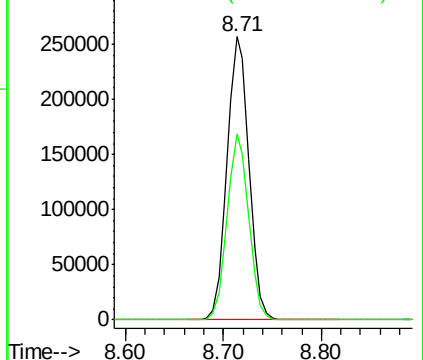
98 100

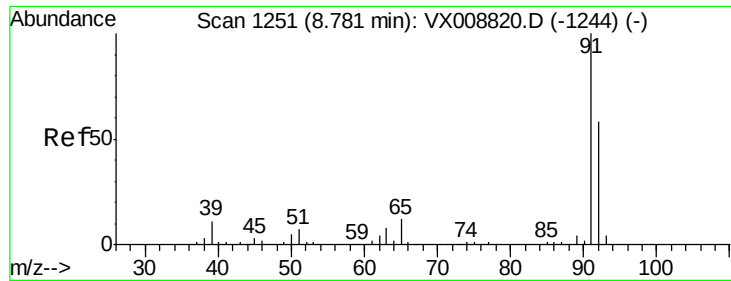
100 64.5 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#52

Toluene

Concen: 44.985 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008918.D

Acq: 13 Apr 2019 04:22

Instrument :

MSVOA_X

ClientSampleId :

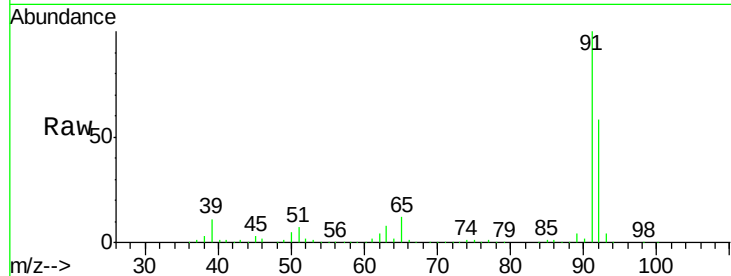
OR-COMP-1

Tgt Ion: 92 Resp: 277301

Ion Ratio Lower Upper

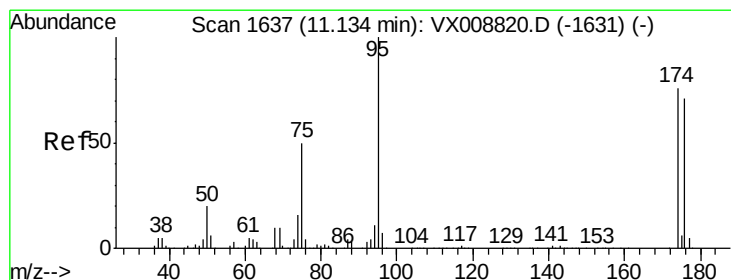
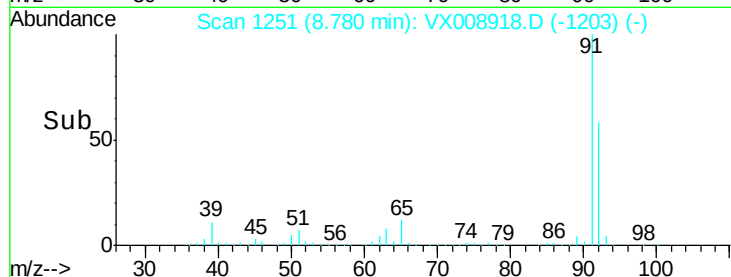
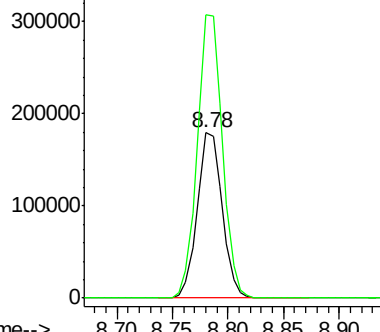
92 100

91 173.0 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 47.833 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008918.D

Acq: 13 Apr 2019 04:22

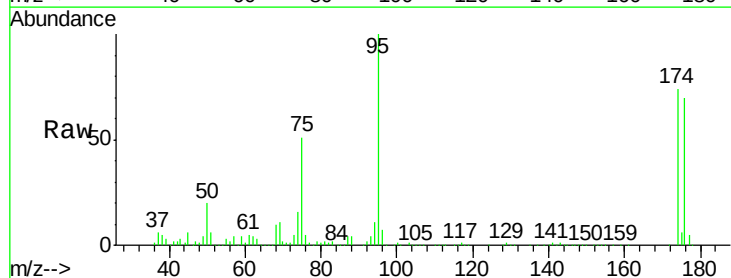
Tgt Ion: 95 Resp: 138650

Ion Ratio Lower Upper

95 100

174 79.8 0.0 151.8

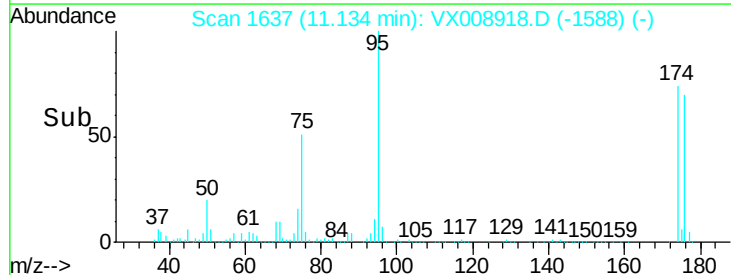
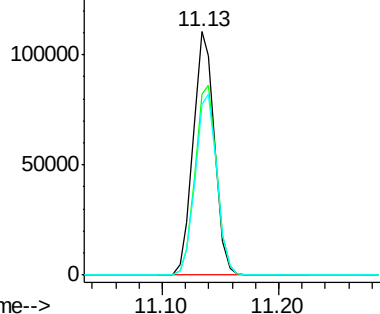
176 76.6 0.0 145.8

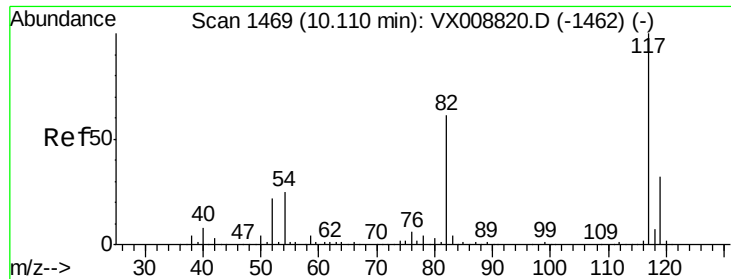


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

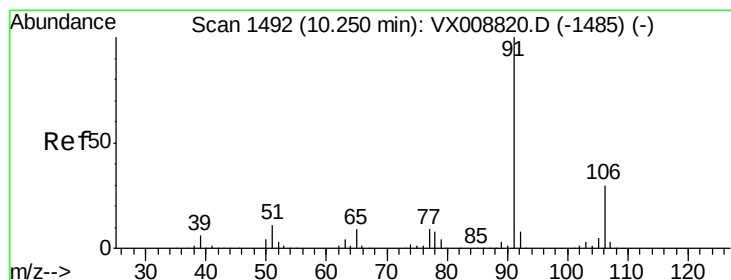
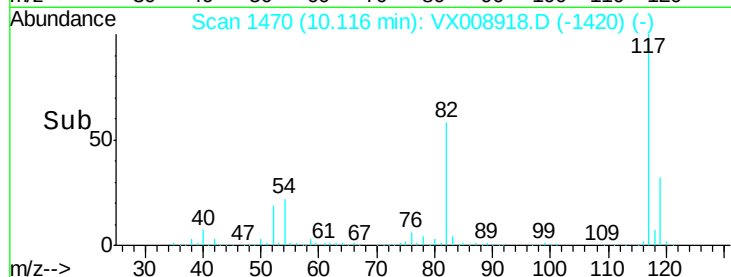
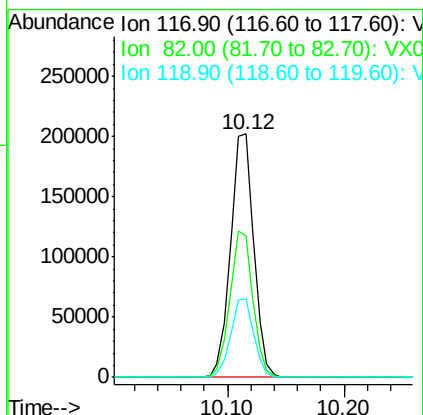
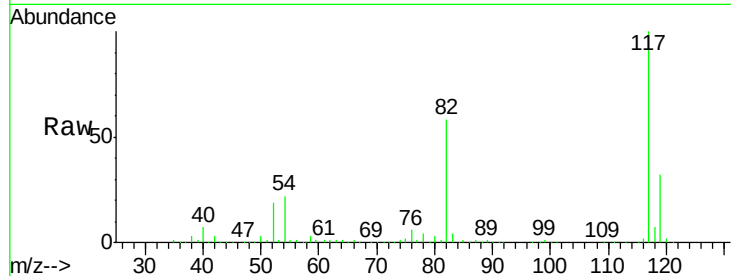




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008918.D
Acq: 13 Apr 2019 04:22

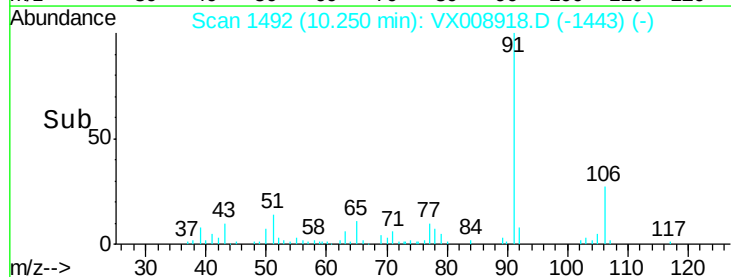
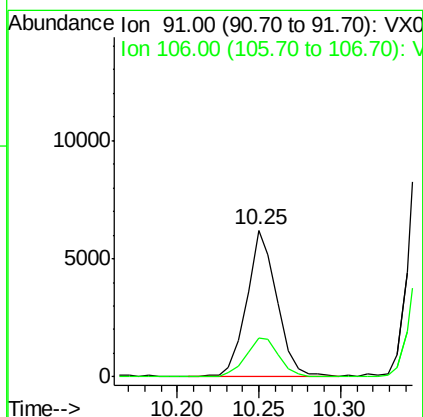
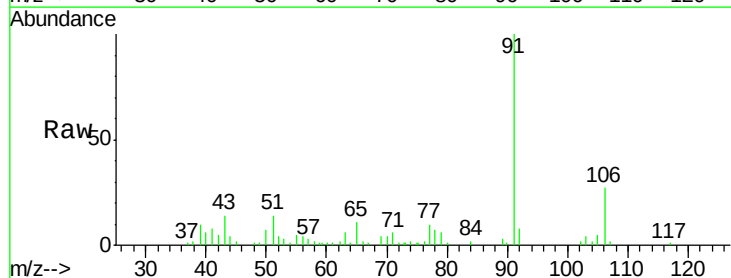
Instrument :
MSVOA_X
ClientSampled :
OR-COMP-1

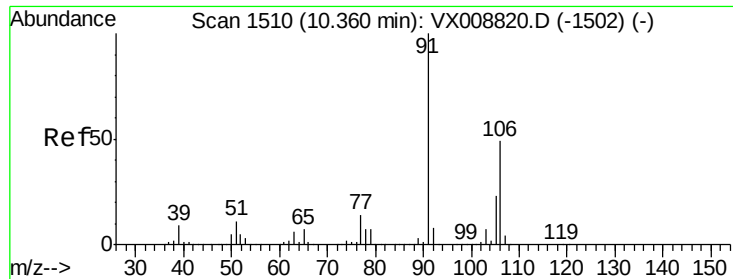
Tgt Ion:117 Resp: 281414
Ion Ratio Lower Upper
117 100
82 57.8 49.6 74.4
119 32.1 25.0 37.4



#67
Ethyl Benzene
Concen: 0.691 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX008918.D
Acq: 13 Apr 2019 04:22

Tgt Ion: 91 Resp: 8038
Ion Ratio Lower Upper
91 100
106 26.9 23.7 35.5

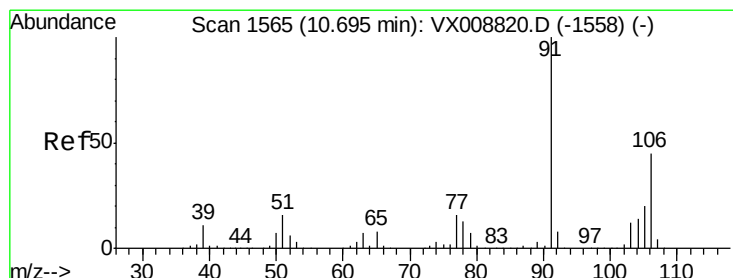
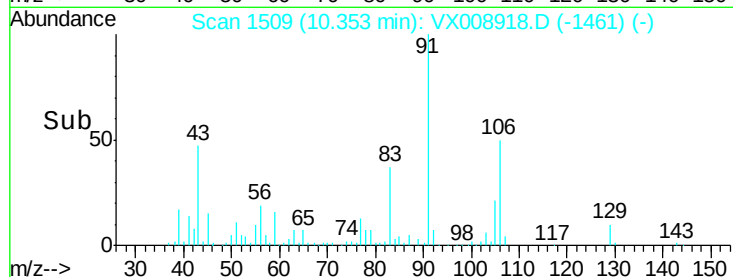
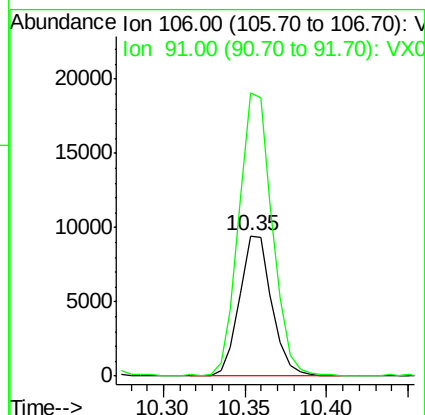
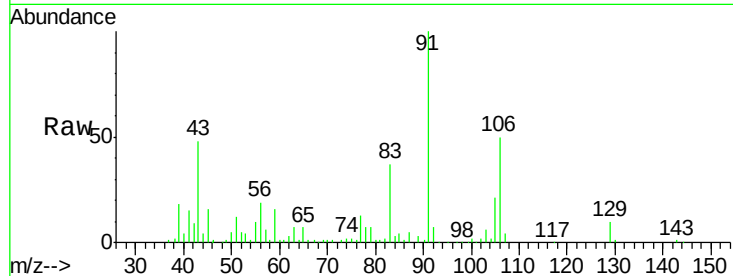




#68
m/p-Xylenes
Concen: 3.121 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX008918.D
Acq: 13 Apr 2019 04:22

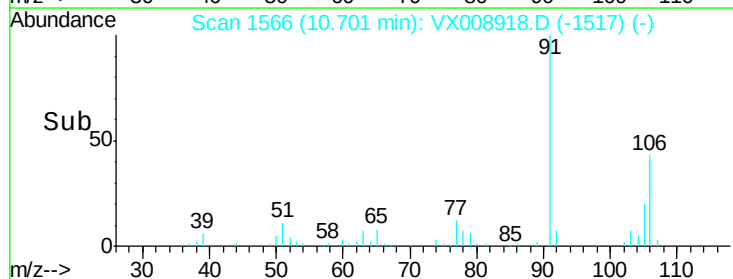
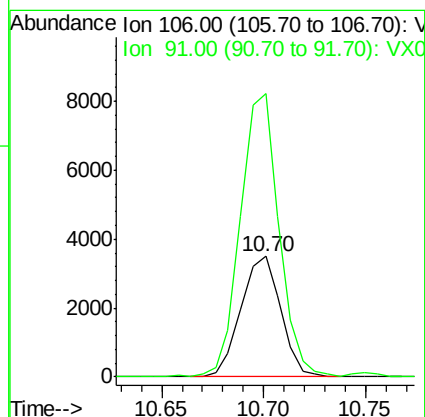
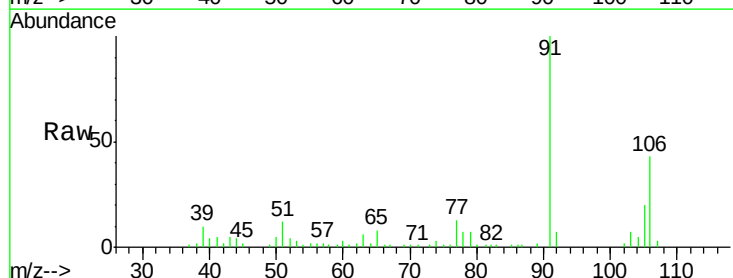
Instrument :
MSVOA_X
ClientSampled :
OR-COMP-1

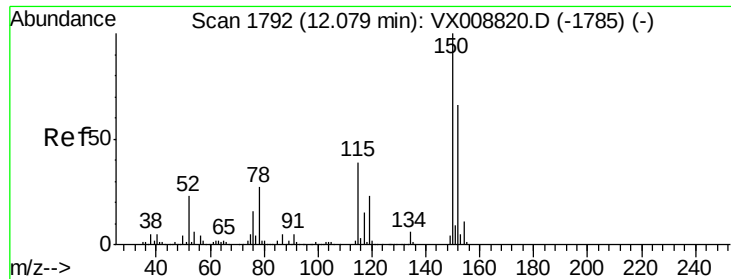
Tgt Ion:106 Resp: 13054
Ion Ratio Lower Upper
106 100
91 210.0 168.5 252.7



#69
o-Xylene
Concen: 1.169 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX008918.D
Acq: 13 Apr 2019 04:22

Tgt Ion:106 Resp: 4737
Ion Ratio Lower Upper
106 100
91 228.7 111.5 334.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008918.D

Acq: 13 Apr 2019 04:22

Instrument :

MSVOA_X

ClientSampleId :

OR-COMP-1

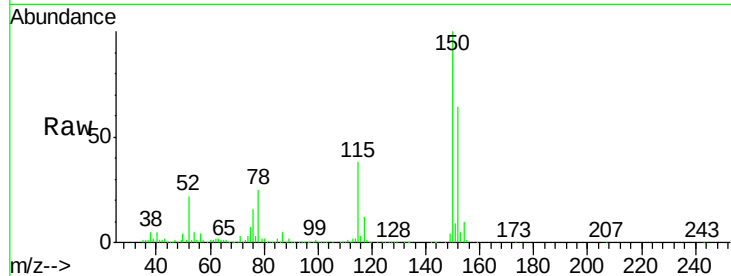
Tgt Ion:152 Resp: 123182

Ion Ratio Lower Upper

152 100

115 59.8 43.5 130.5

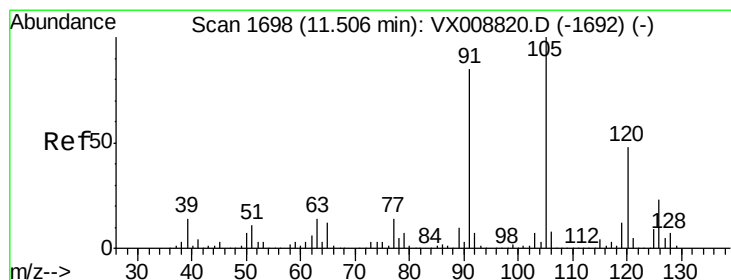
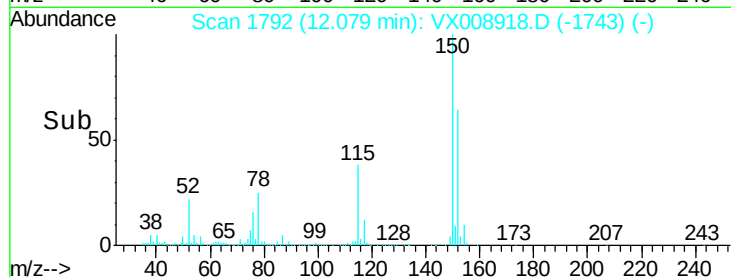
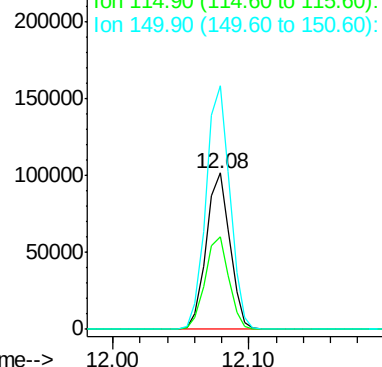
150 157.7 0.0 348.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#80

1,3,5-Trimethylbenzene

Concen: 0.363 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008918.D

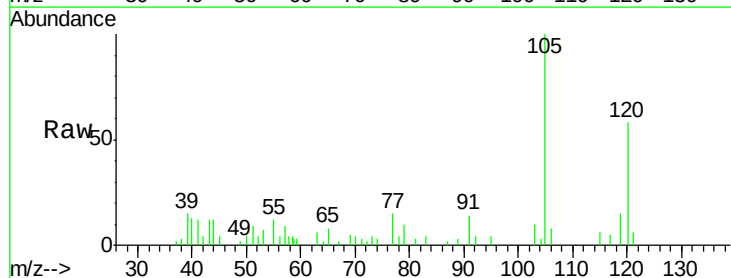
Acq: 13 Apr 2019 04:22

Tgt Ion:105 Resp: 3110

Ion Ratio Lower Upper

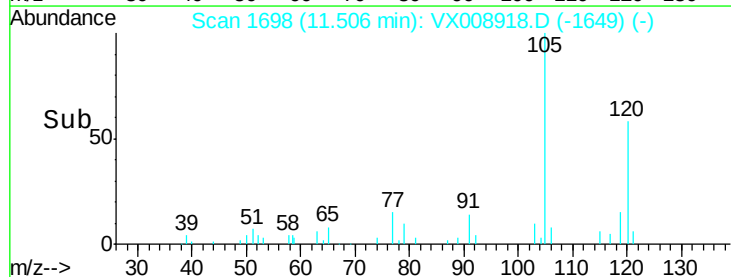
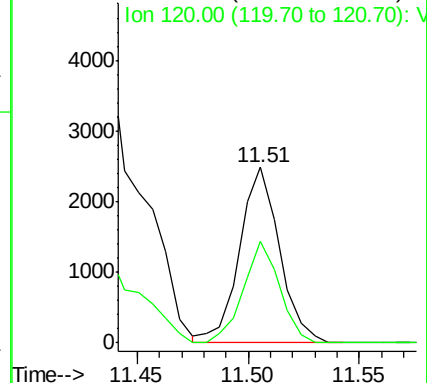
105 100

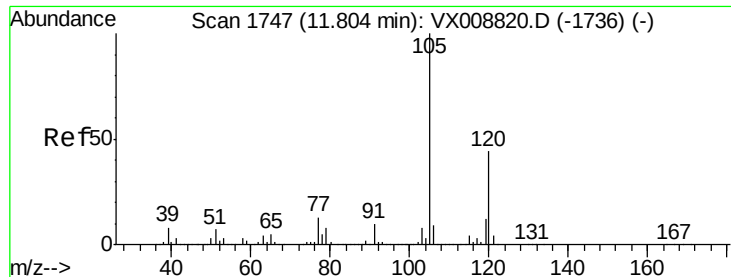
120 52.6 23.5 70.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

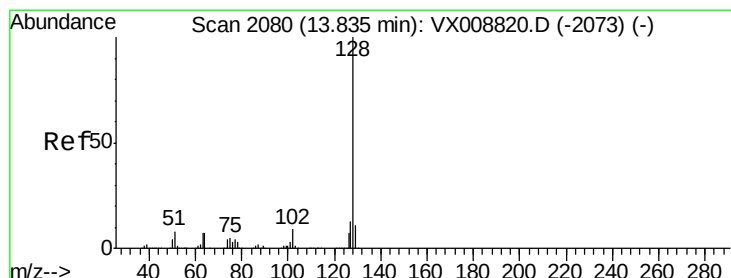
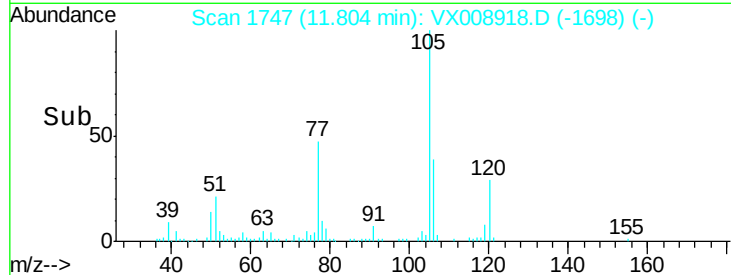
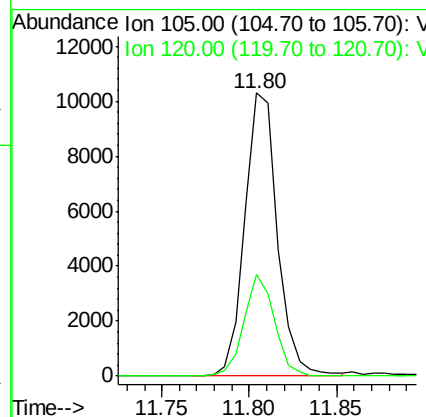
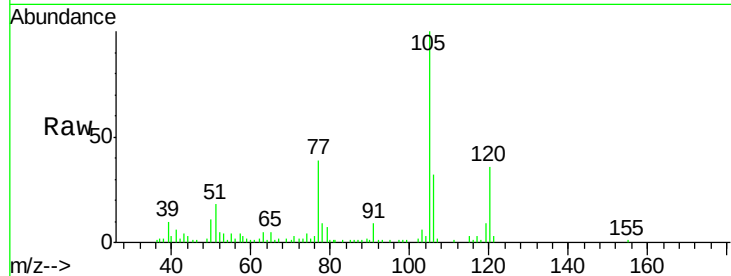




#84
 1,2,4-Trimethylbenzene
 Concen: 1.541 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008918.D
 Acq: 13 Apr 2019 04:22

Instrument :
 MSVOA_X
 ClientSampled :
 OR-COMP-1

Tgt Ion:105 Resp: 13368
 Ion Ratio Lower Upper
 105 100
 120 33.3 21.8 65.3



#95
 Naphthalene
 Concen: 1.178 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX008918.D
 Acq: 13 Apr 2019 04:22

Tgt Ion:128 Resp: 11943
 Ion Ratio Lower Upper
 128 100
 127 15.8 10.4 15.6#
 129 14.5 8.6 13.0#

