

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122118\
 Data File : VX006731.D
 Acq On : 21 Dec 2018 18:37
 Operator : JC/MD
 Sample : J6498-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SSSI-1219-S-TCLP-6

Quant Time: Dec 22 05:05:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

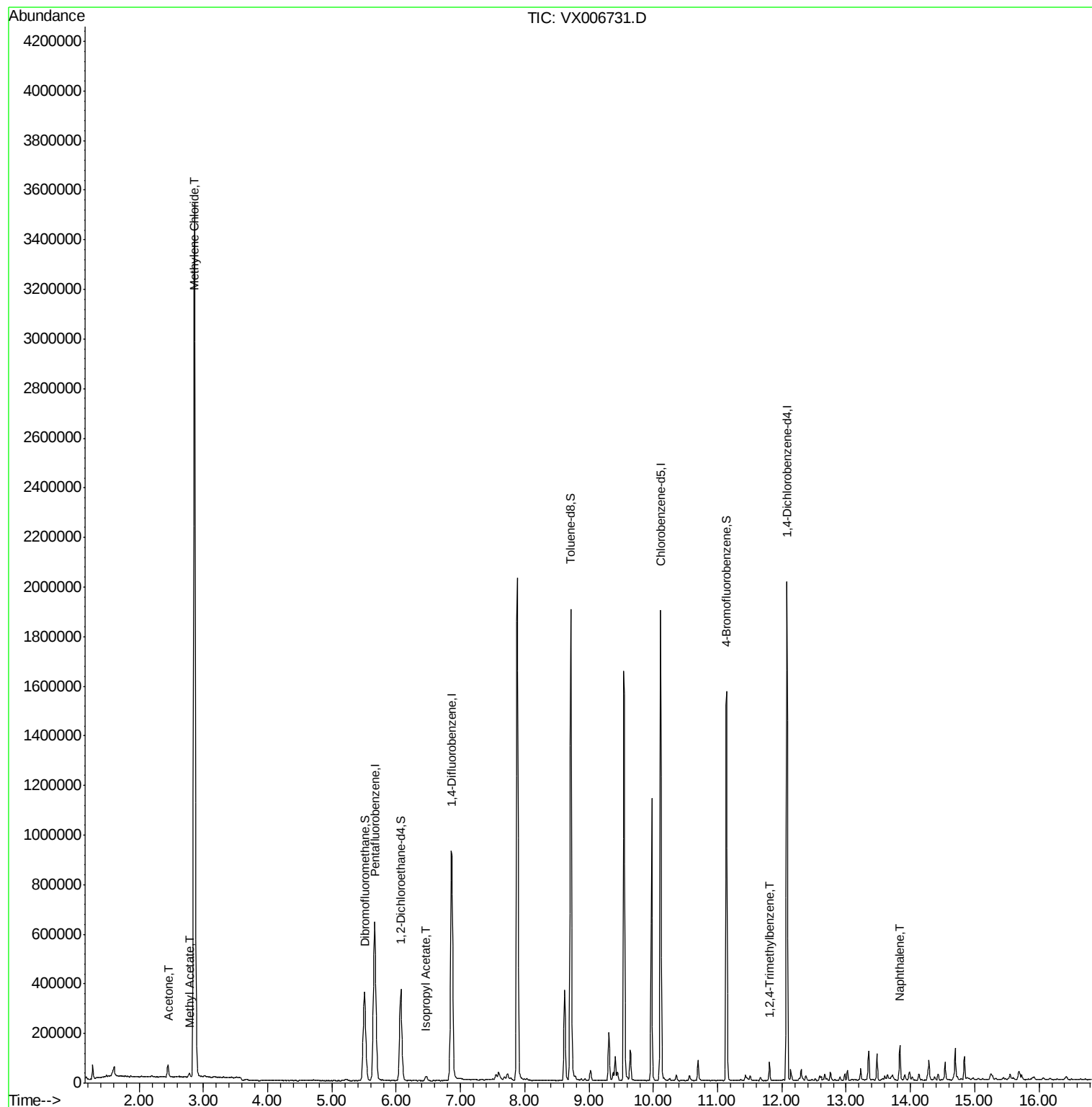
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	645071	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1011647	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	925017	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	432391	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	345112	49.64	ug/l	0.01
Spiked Amount 50.000			Recovery	=	99.28%	
35) Dibromofluoromethane	5.51	113	305458	47.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.50%	
50) Toluene-d8	8.71	98	1198189	49.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.36%	
62) 4-Bromofluorobenzene	11.14	95	419395	47.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.96%	
Target Compounds						
16) Acetone	2.45	43	54413	17.035	ug/l	95
18) Methyl Acetate	2.78	43	20064	2.136	ug/l	95
20) Methylene Chloride	2.86	84	1620577	245.362	ug/l	94
43) Isopropyl Acetate	6.47	43	23353	1.760	ug/l	94
84) 1,2,4-Trimethylbenzene	11.81	105	35100	1.370	ug/l	99
95) Naphthalene	13.83	128	89233	2.811	ug/l	98

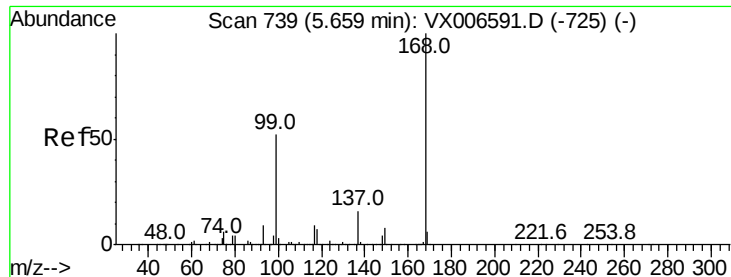
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
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: VX006731.D

Acq: 21 Dec 2018 18:37

Instrument :

MSVOA_X

ClientSampleId :

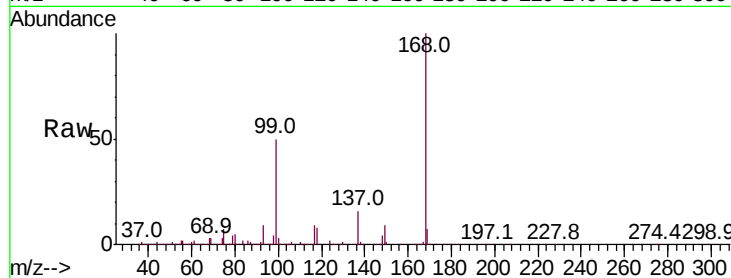
SSSI-1219-S-TCLP-6

Tot Ion:168 Resp: 645071

Ion Ratio Lower Upper

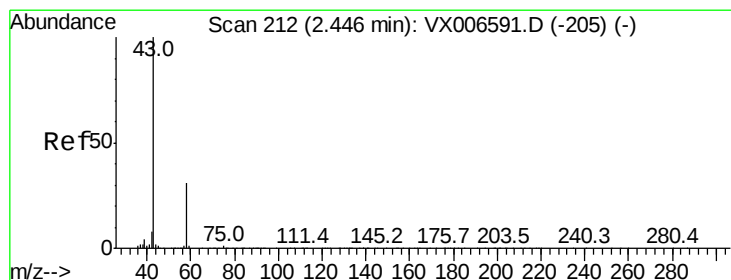
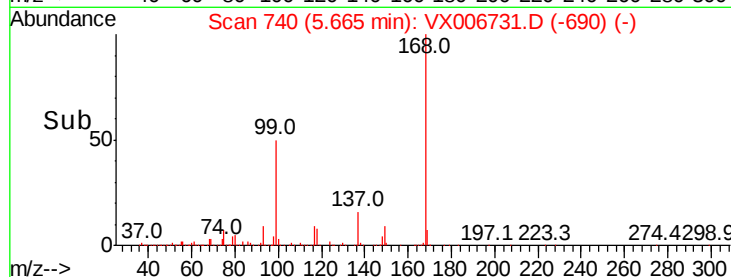
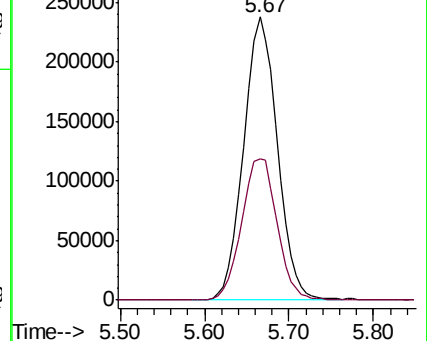
168 100

99 49.6 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 17.035 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006731.D

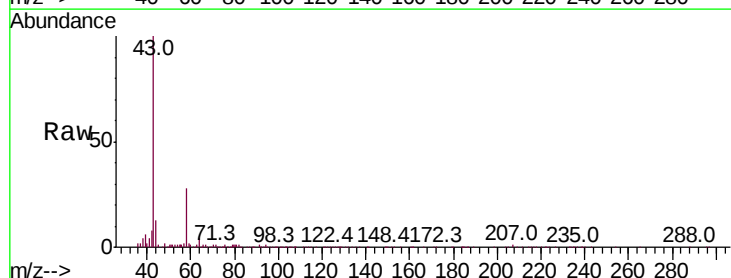
Acq: 21 Dec 2018 18:37

Tgt Ion: 43 Resp: 54413

Ion Ratio Lower Upper

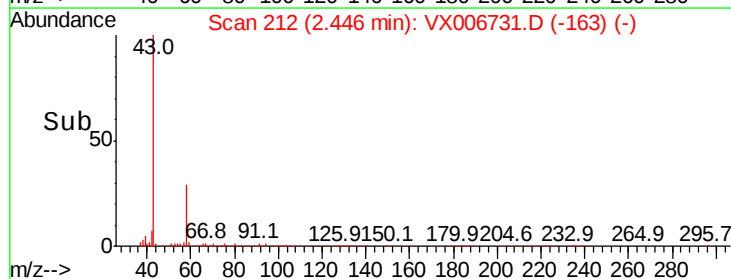
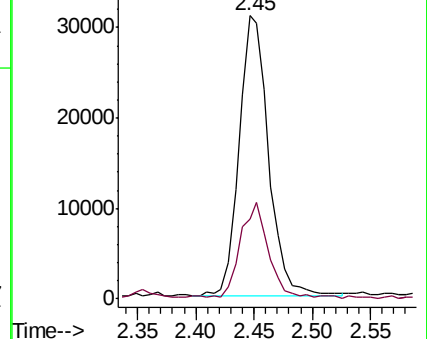
43 100

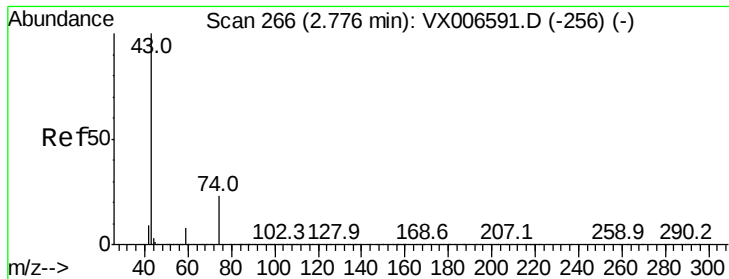
58 28.4 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

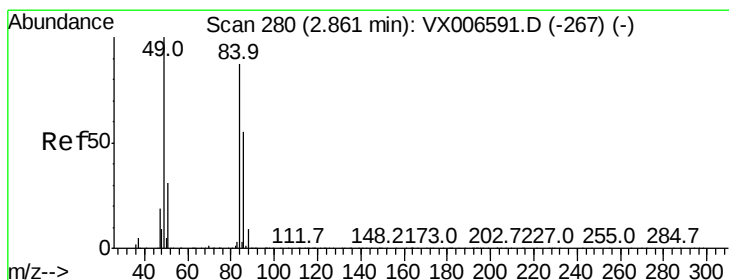
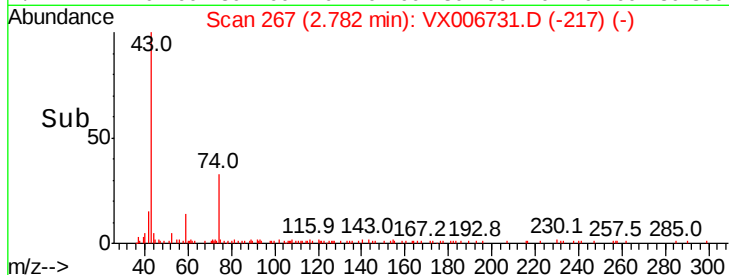
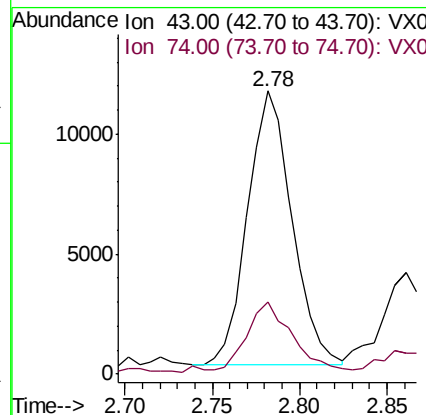
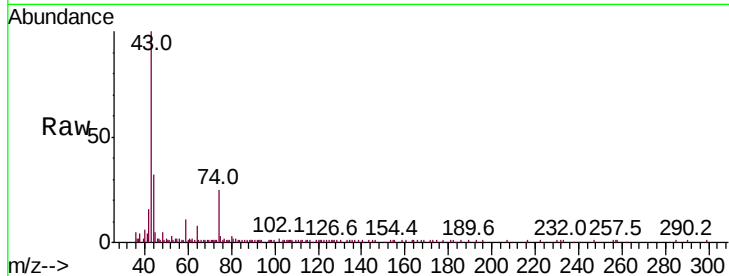




#18
Methyl Acetate
Concen: 2.136 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX006731.D
Acq: 21 Dec 2018 18:37

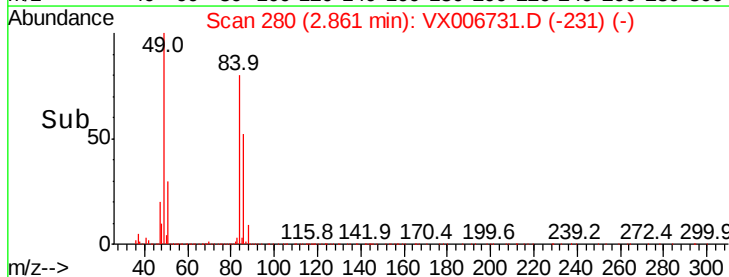
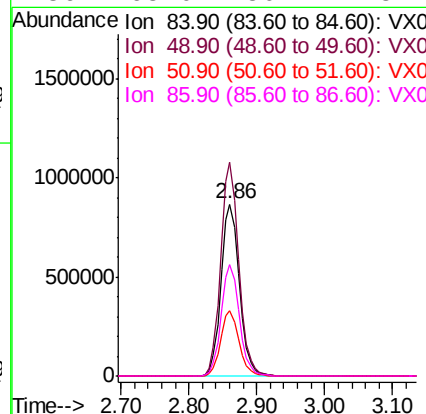
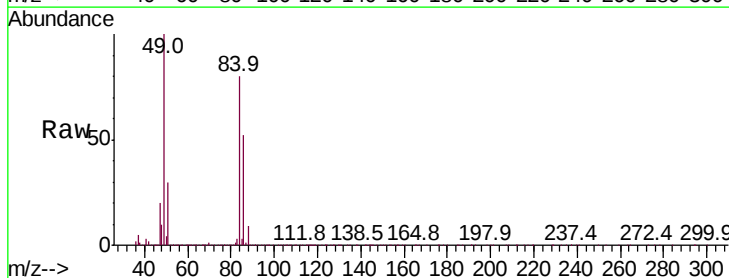
Instrument :
MSVOA_X
ClientSampleId :
SSSI-1219-S-TCLP-6

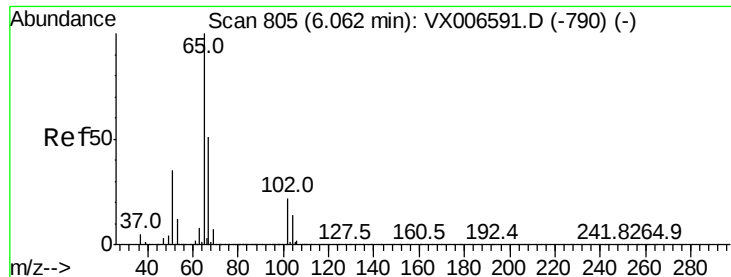
Tot Ion: 43 Resp: 20064
Ion Ratio Lower Upper
43 100
74 25.9 18.6 28.0



#20
Methylene Chloride
Concen: 245.362 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX006731.D
Acq: 21 Dec 2018 18:37

Tgt Ion: 84 Resp: 1620577
Ion Ratio Lower Upper
84 100
49 124.4 91.8 137.6
51 37.7 28.5 42.7
86 65.0 50.2 75.2





#33

1,2-Dichloroethane-d4

Concen: 49.640 ug/l

RT: 6.07 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX006731.D

Acq: 21 Dec 2018 18:37

Instrument :

MSVOA_X

ClientSampleId :

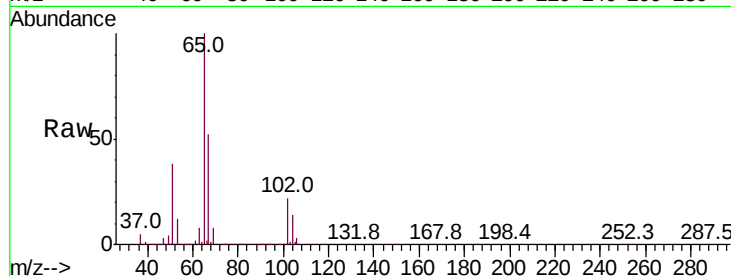
SSSI-1219-S-TCLP-6

Tot Ion: 65 Resp: 345112

Ion Ratio Lower Upper

65 100

67 54.5 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

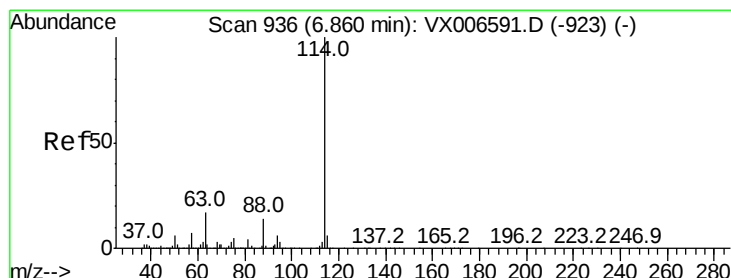
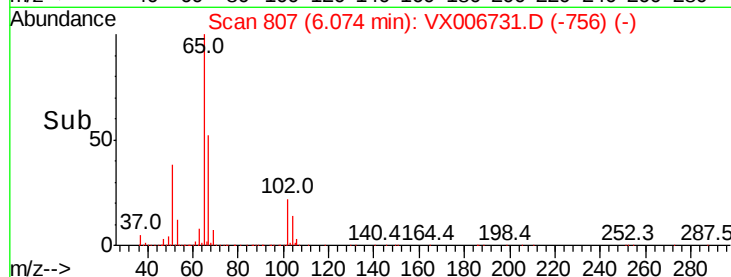
150000

100000

50000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006731.D

Acq: 21 Dec 2018 18:37

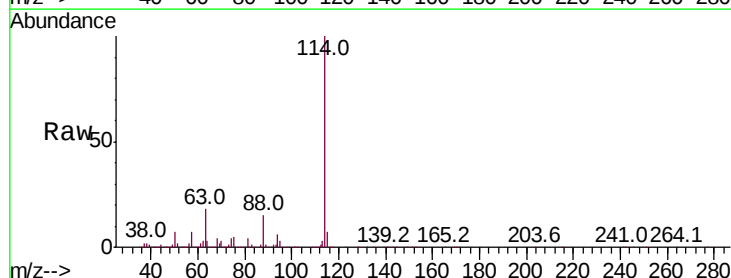
Tgt Ion:114 Resp: 1011647

Ion Ratio Lower Upper

114 100

63 17.5 0.0 34.8

88 14.5 0.0 28.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.86

600000

500000

400000

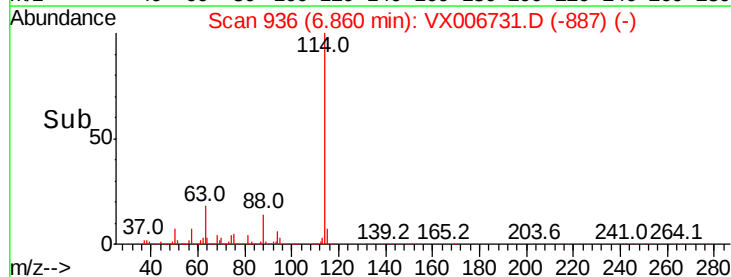
300000

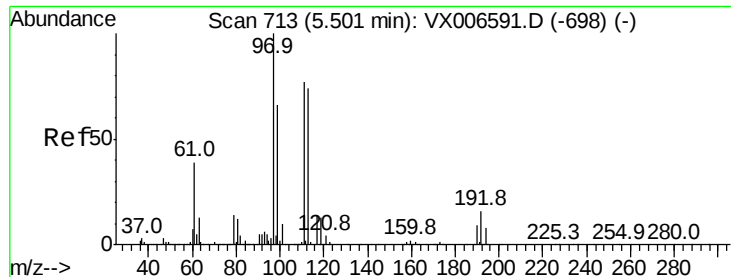
200000

100000

0

Time--> 6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 47.747 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006731.D

Acq: 21 Dec 2018 18:37

Instrument :

MSVOA_X

ClientSampleId :

SSSI-1219-S-TCLP-6

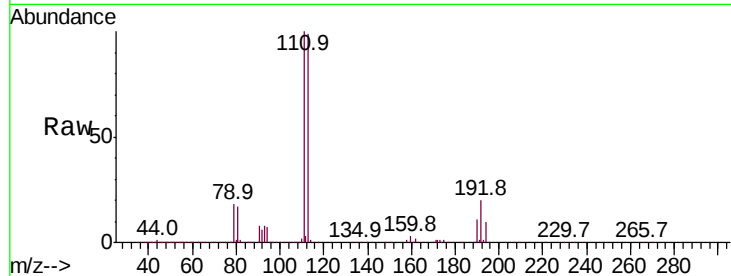
Tot Ion:113 Resp: 305458

Ion Ratio Lower Upper

113 100

111 102.5 81.6 122.4

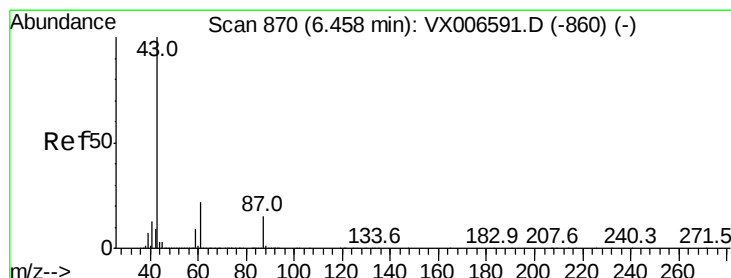
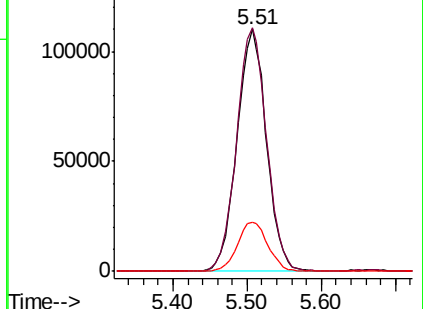
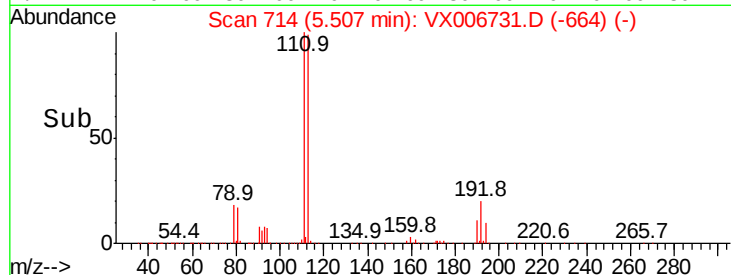
192 21.0 16.7 25.1



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



#43

Isopropyl Acetate

Concen: 1.760 ug/l

RT: 6.47 min Scan# 872

Delta R.T. 0.01 min

Lab File: VX006731.D

Acq: 21 Dec 2018 18:37

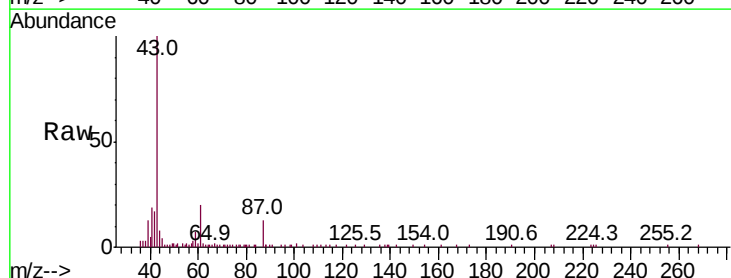
Tgt Ion: 43 Resp: 23353

Ion Ratio Lower Upper

43 100

61 24.8 16.8 25.2

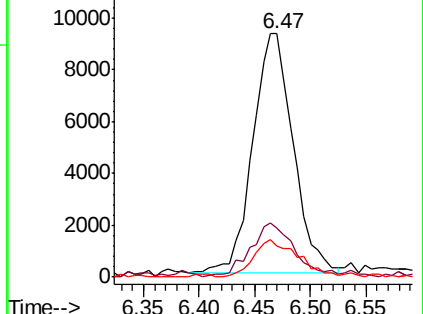
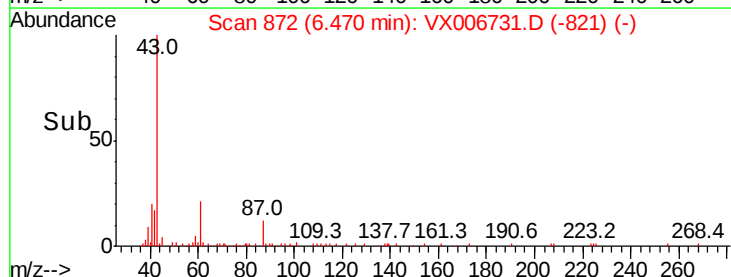
87 16.9 12.4 18.6

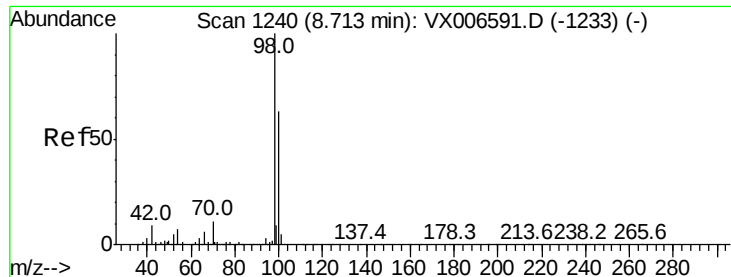


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 49.679 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006731.D

Acq: 21 Dec 2018 18:37

Instrument :

MSVOA_X

ClientSampleId :

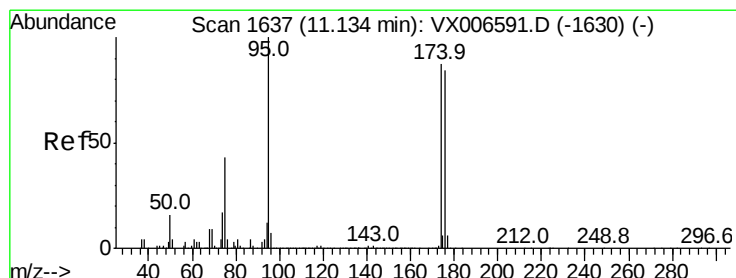
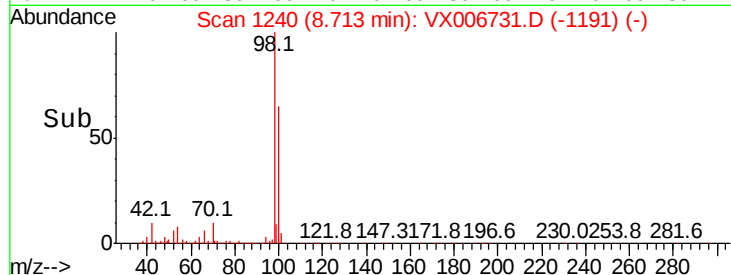
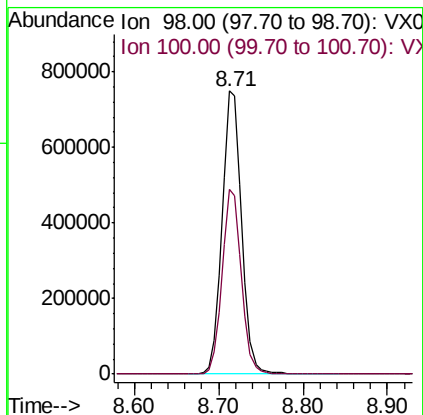
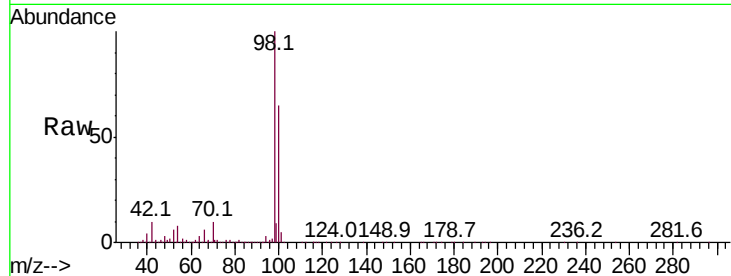
SSSI-1219-S-TCLP-6

Tot Ion: 98 Resp: 1198189

Ion Ratio Lower Upper

98 100

100 64.4 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 47.479 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX006731.D

Acq: 21 Dec 2018 18:37

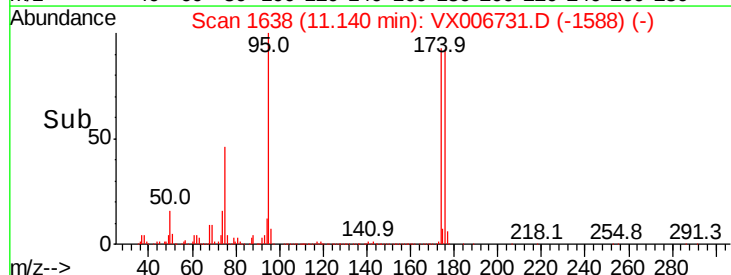
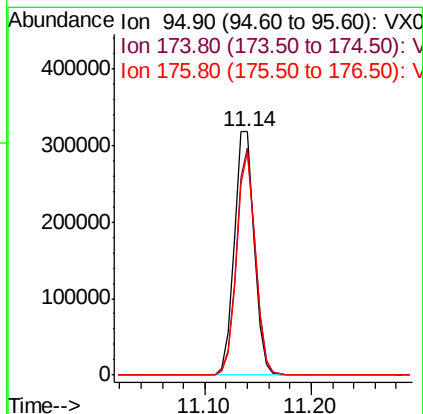
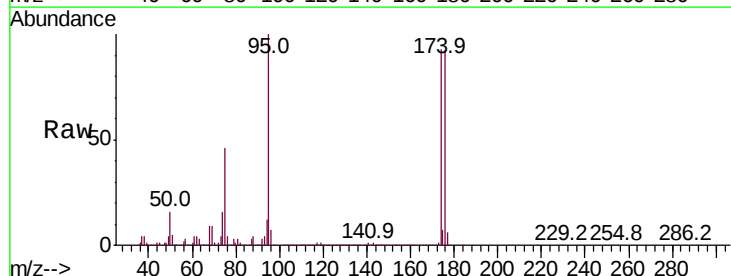
Tgt Ion: 95 Resp: 419395

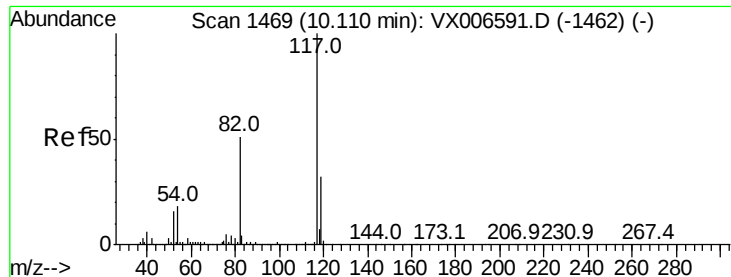
Ion Ratio Lower Upper

95 100

174 88.4 0.0 182.2

176 86.1 0.0 178.8

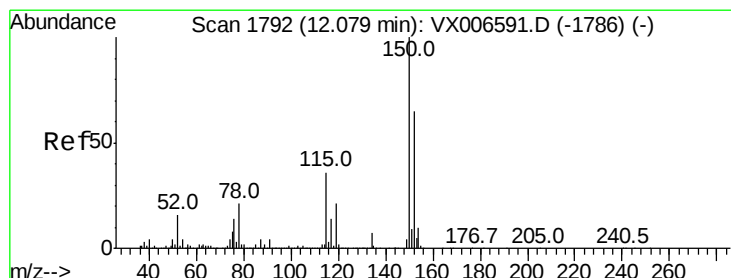
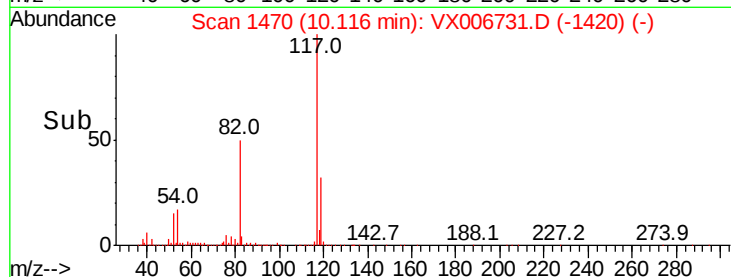
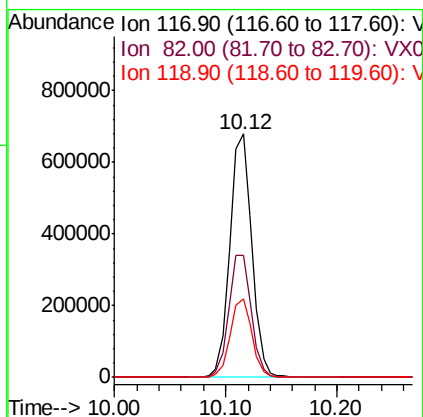
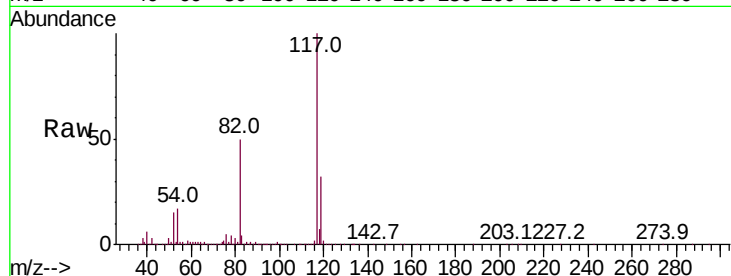




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006731.D
Acq: 21 Dec 2018 18:37

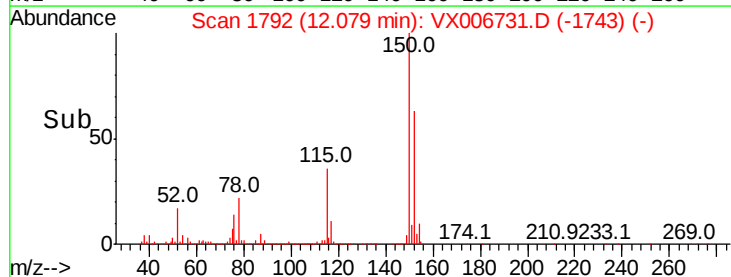
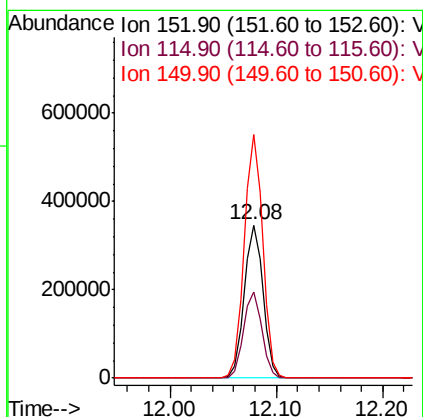
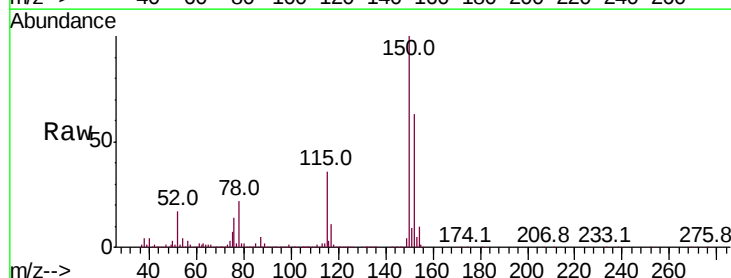
Instrument :
MSVOA_X
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SSSI-1219-S-TCLP-6

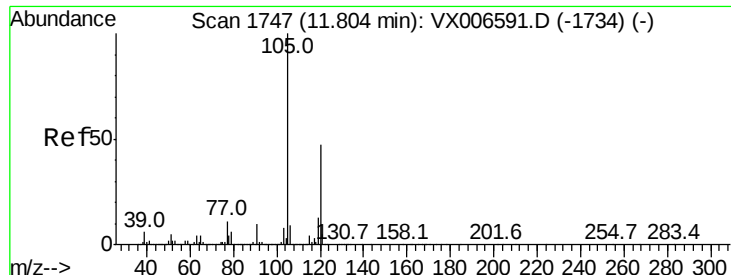
Tot Ion	Ratio	Lower	Upper
117	100		
82	50.1	41.0	61.6
119	32.4	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006731.D
Acq: 21 Dec 2018 18:37

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.3	39.1	117.2
150	156.0	0.0	344.8





#84

1,2,4-Trimethylbenzene

Concen: 1.370 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VX006731.D

Acq: 21 Dec 2018 18:37

Instrument :

MSVOA_X

ClientSampleId :

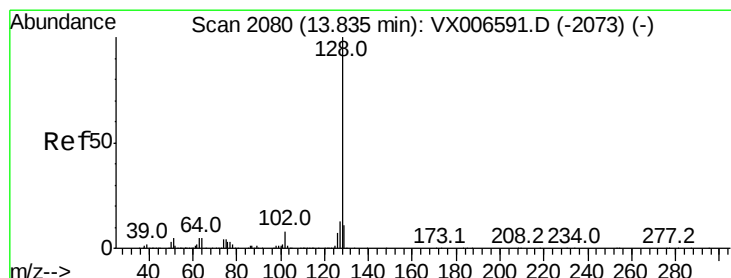
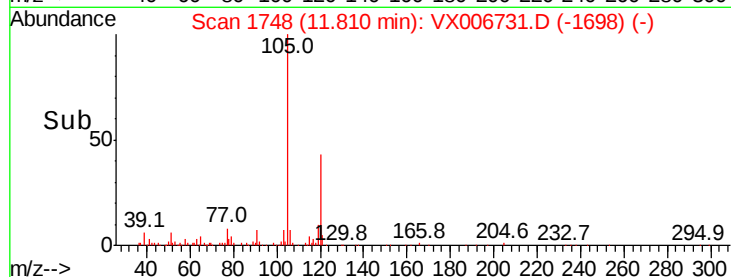
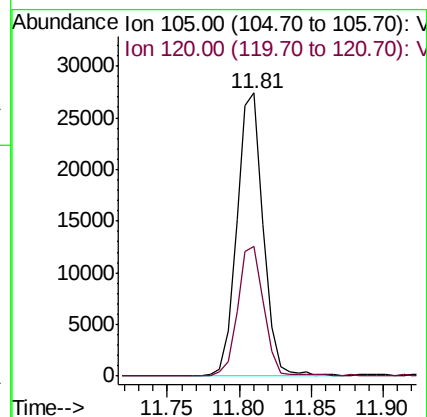
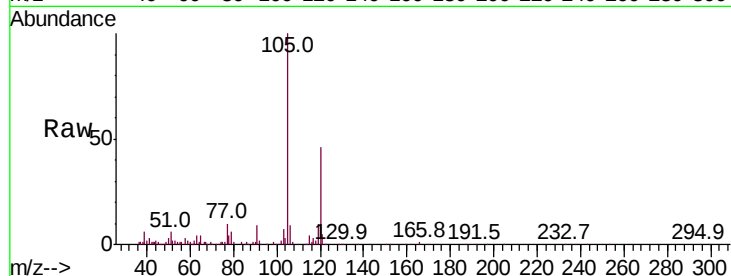
SSSI-1219-S-TCLP-6

Tot Ion:105 Resp: 35100

Ion Ratio Lower Upper

105 100

120 45.7 23.2 69.6



#95

Naphthalene

Concen: 2.811 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX006731.D

Acq: 21 Dec 2018 18:37

Tgt Ion:128 Resp: 89233

Ion Ratio Lower Upper

128 100

127 12.5 10.1 15.1

129 12.3 8.6 13.0

