

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050718\
 Data File : VX001491.D
 Acq On : 08 May 2018 03:20
 Operator : JC/MD
 Sample : J2754-12 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LS-SOIL-PILE-2A

Quant Time: May 08 07:51:34 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

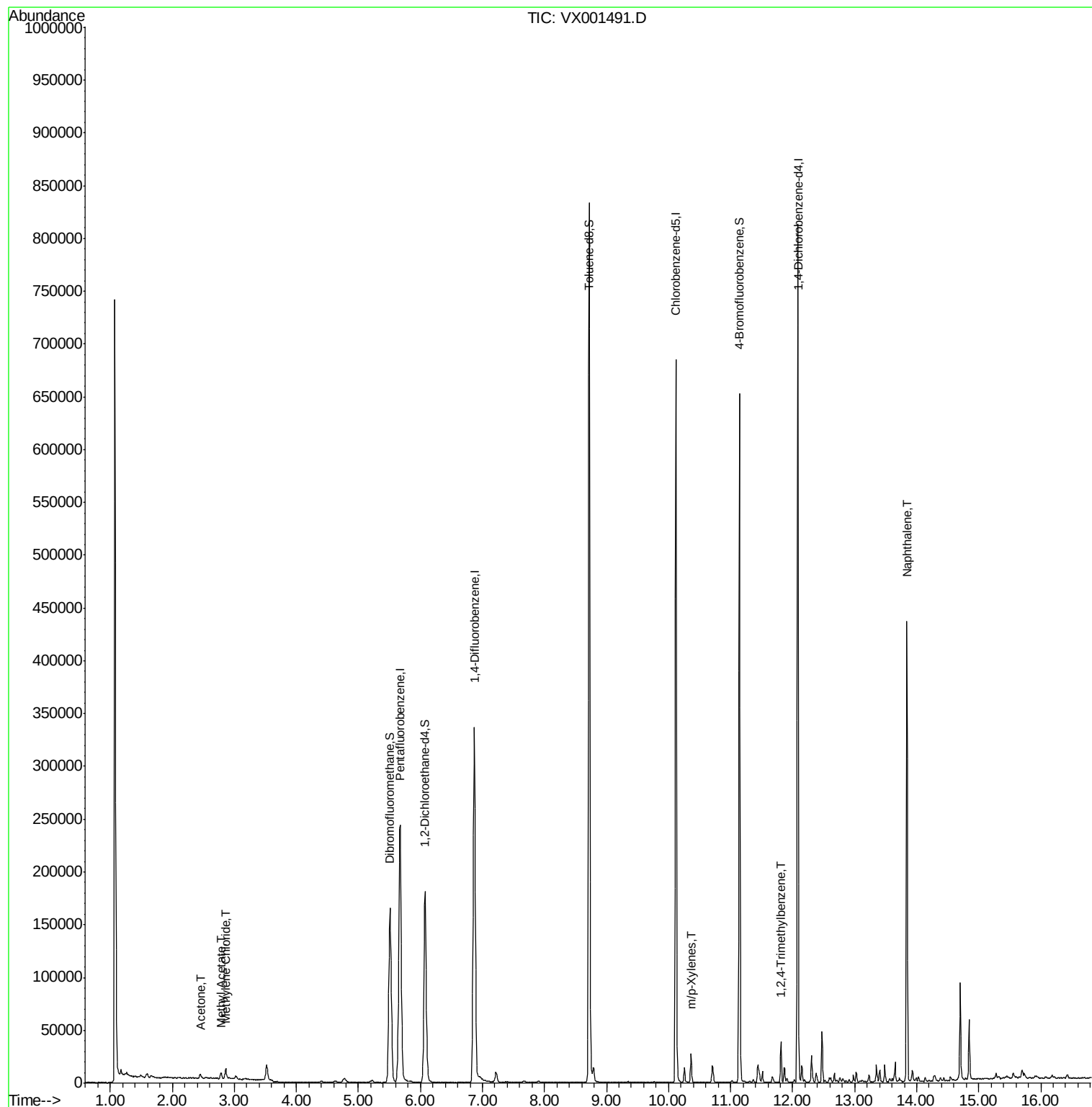
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	257288	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	350920	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	311233	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	174679	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	172696	46.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.40%	
35) Dibromofluoromethane	5.51	113	132733	42.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.04%	
50) Toluene-d8	8.72	98	483482	42.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.86%	
62) 4-Bromofluorobenzene	11.14	95	160860	36.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.56%	
Target Compounds						
16) Acetone	2.45	43	4689	2.79	ug/l	98
18) Methyl Acetate	2.78	43	6728	1.53	ug/l	98
20) Methylene Chloride	2.86	84	4100	1.23	ug/l	92
68) m/p-Xylenes	10.37	106	6773	1.15	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	15687	1.52	ug/l	97
95) Naphthalene	13.84	128	260259	20.11	ug/l	100

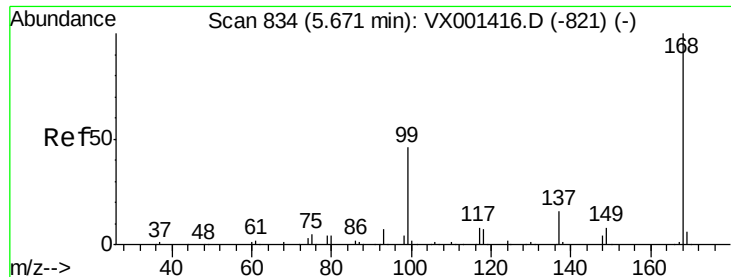
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050718\
Data File : VX001491.D
Acq On : 08 May 2018 03:20
Operator : JC/MD
Sample : J2754-12 5X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LS-SOIL-PILE-2A

Quant Time: May 08 07:51:34 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
Quant Title : SW846 8260
QLast Update : Sun May 06 07:59:25 2018
Response via : Initial Calibration

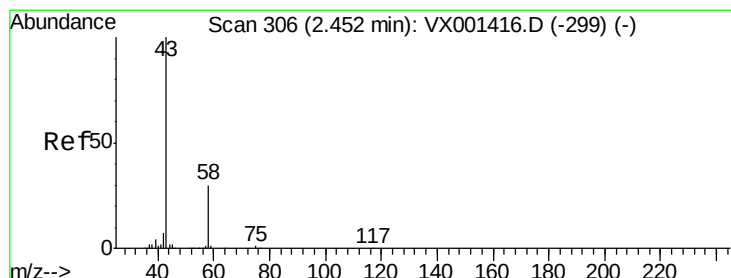
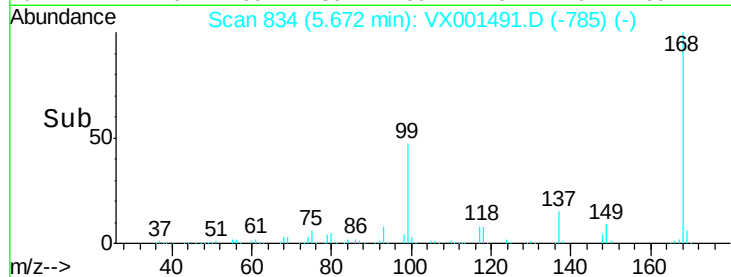
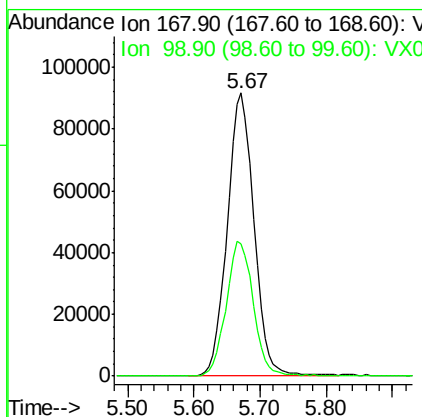
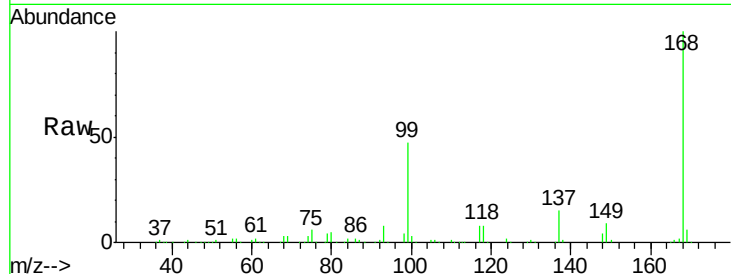




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.00 min
Lab File: VX001491.D
Acq: 08 May 2018 03:20

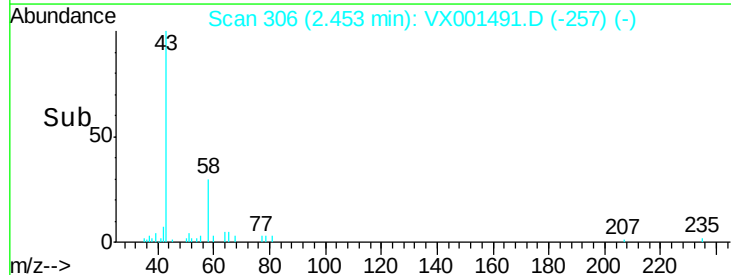
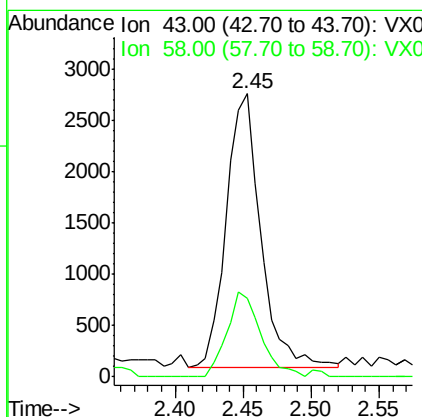
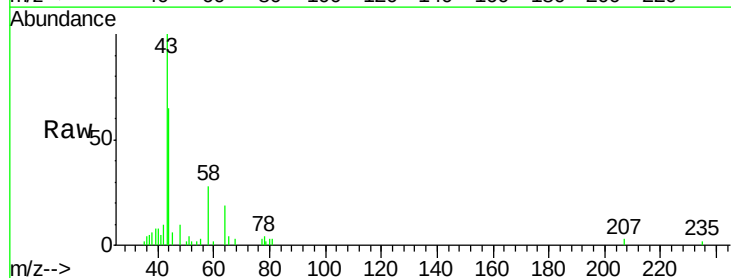
Instrument :
MSVOA_X
ClientSampleId :
LS-SOIL-PILE-2A

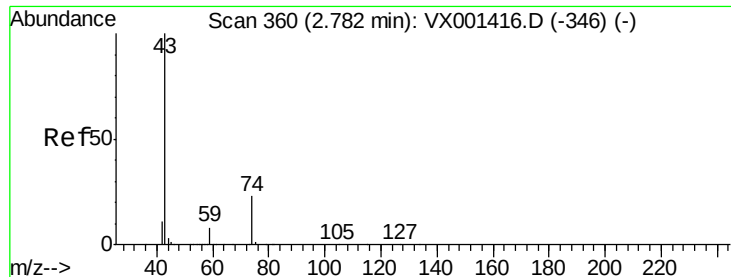
Tot Ion:168 Resp: 257288
Ion Ratio Lower Upper
168 100
99 46.9 36.6 54.8



#16
Acetone
Concen: 2.79 ug/l
RT: 2.45 min Scan# 306
Delta R.T. 0.00 min
Lab File: VX001491.D
Acq: 08 May 2018 03:20

Tgt Ion: 43 Resp: 4689
Ion Ratio Lower Upper
43 100
58 28.9 23.8 35.8





#18

Methvl Acetate

Concen: 1.53 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001491.D

Acq: 08 May 2018 03:20

Instrument :

MSVOA_X

ClientSampleId :

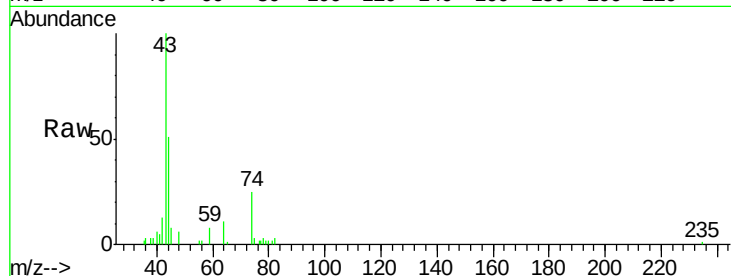
LS-SOIL-PILE-2A

Tot Ion: 43 Resp: 6728

Ion Ratio Lower Upper

43 100

74 24.3 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

4000

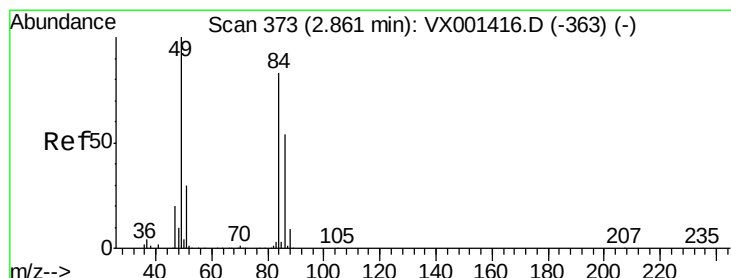
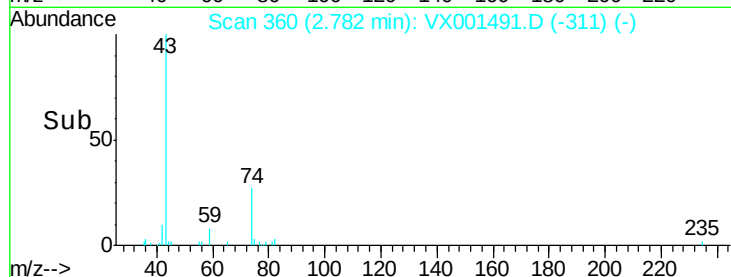
3000

2000

1000

0

Time--> 2.70 2.75 2.80 2.85



#20

Methylene Chloride

Concen: 1.23 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX001491.D

Acq: 08 May 2018 03:20

Tgt Ion: 84 Resp: 4100

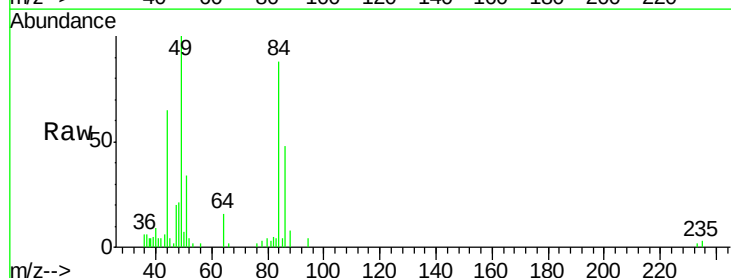
Ion Ratio Lower Upper

84 100

49 113.5 96.6 144.8

51 39.1 29.0 43.4

86 54.7 52.2 78.4



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

4000

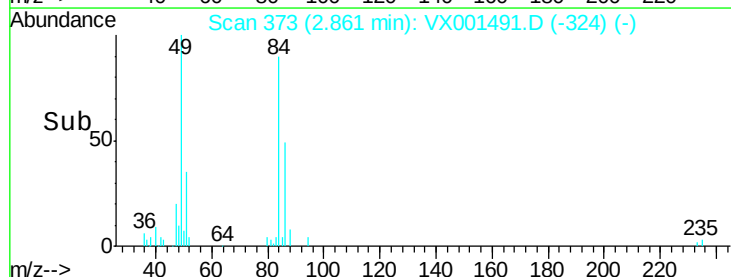
3000

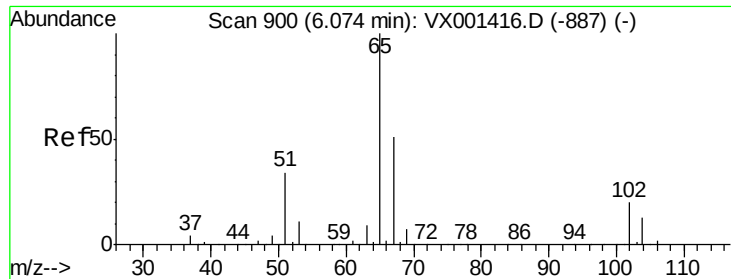
2000

1000

0

Time--> 2.80 2.85 2.90

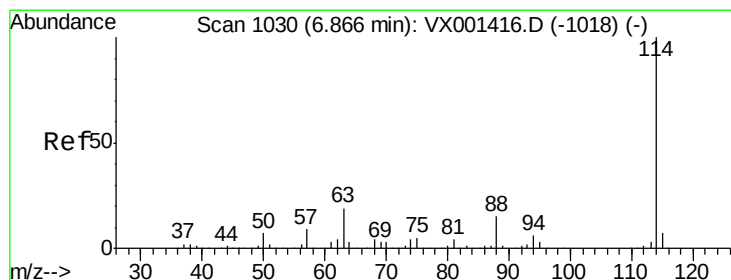
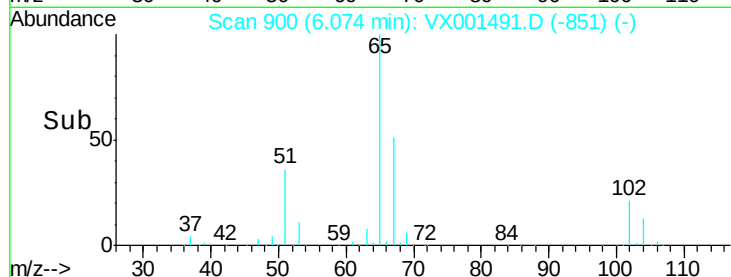
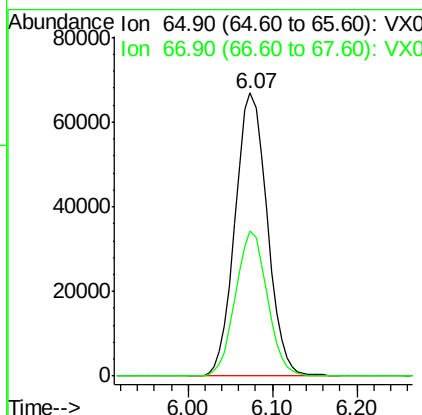
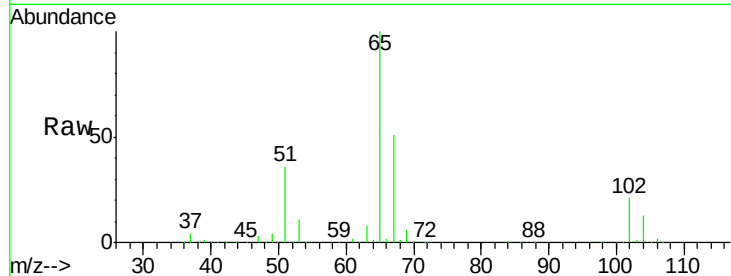




#33
 1,2-Dichloroethane-d4
 Concen: 46.70 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001491.D
 Acq: 08 May 2018 03:20

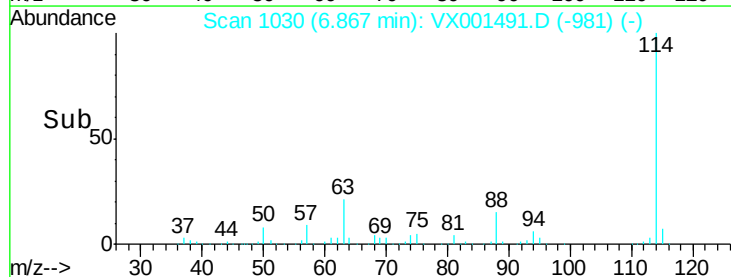
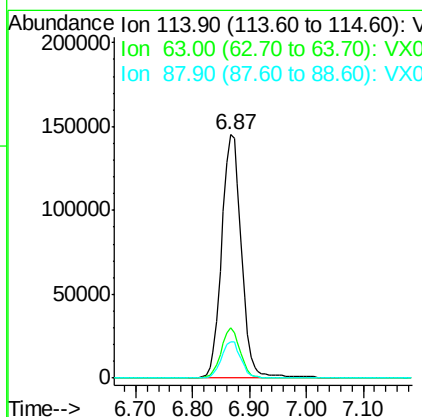
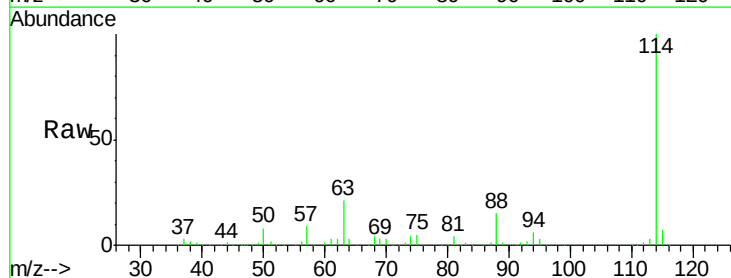
Instrument :
 MSVOA_X
 ClientSampleId :
 LS-SOIL-PILE-2A

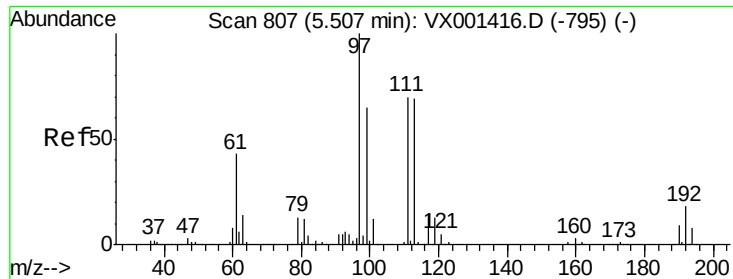
Tot Ion: 65 Resp: 172696
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001491.D
 Acq: 08 May 2018 03:20

Tgt Ion: 114 Resp: 350920
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 38.6
 88 15.0 0.0 30.8

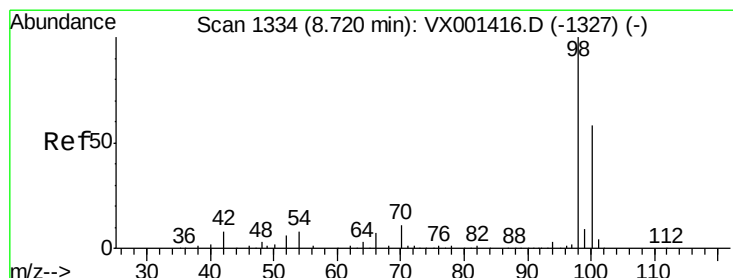
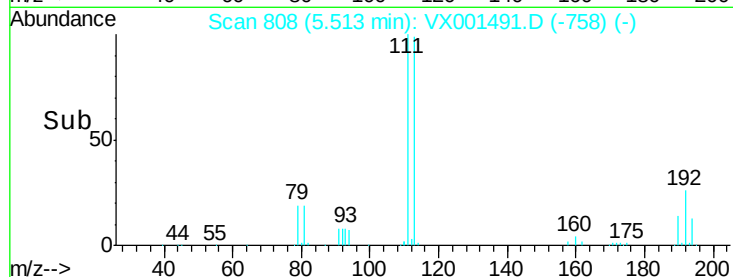
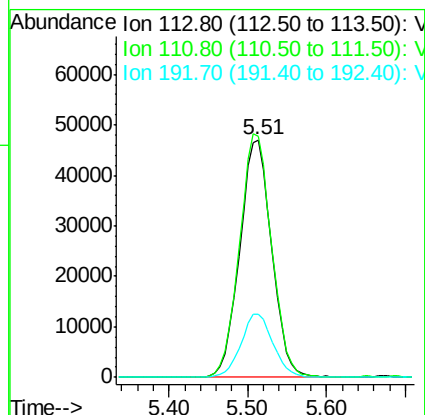
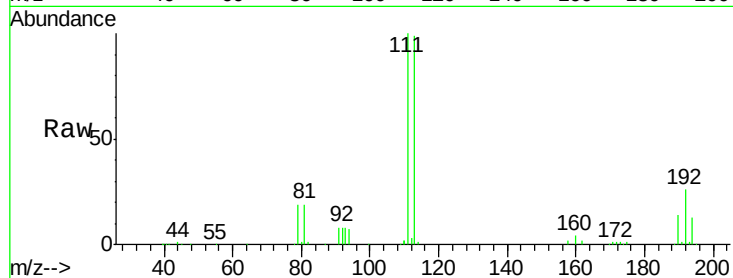




#35
 Dibromofluoromethane
 Concen: 42.52 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX001491.D
 Acq: 08 May 2018 03:20

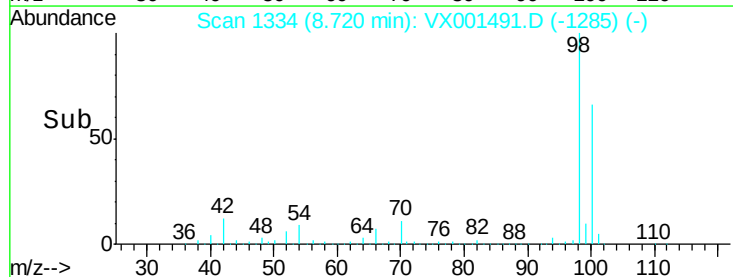
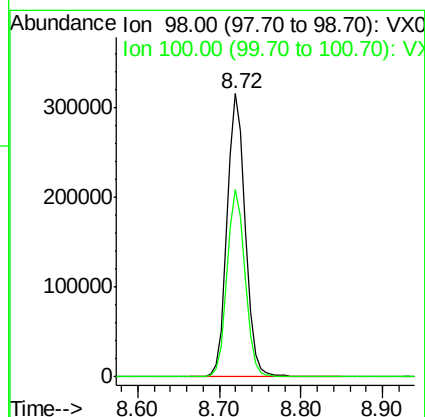
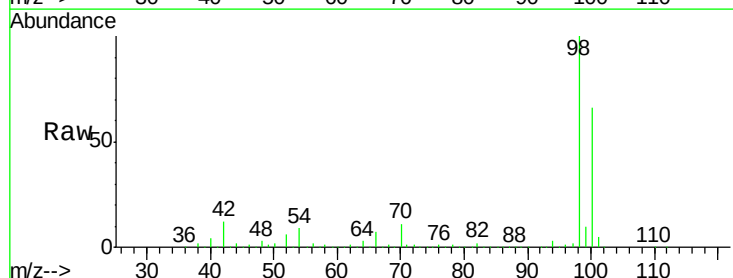
Instrument :
 MSVOA_X
 ClientSampleId :
 LS-SOIL-PILE-2A

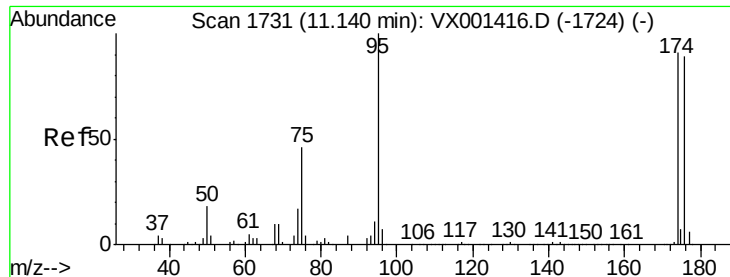
Tot Ion:113 Resp: 132733
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.2 123.2
 192 26.5 21.4 32.0



#50
 Toluene-d8
 Concen: 42.43 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX001491.D
 Acq: 08 May 2018 03:20

Tgt Ion: 98 Resp: 483482
 Ion Ratio Lower Upper
 98 100
 100 66.0 54.0 81.0

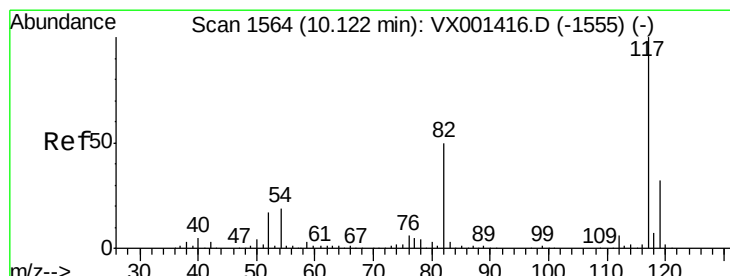
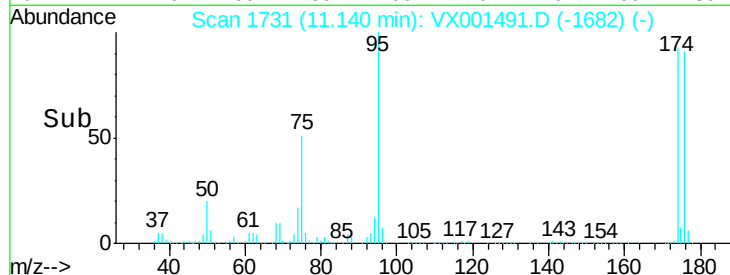
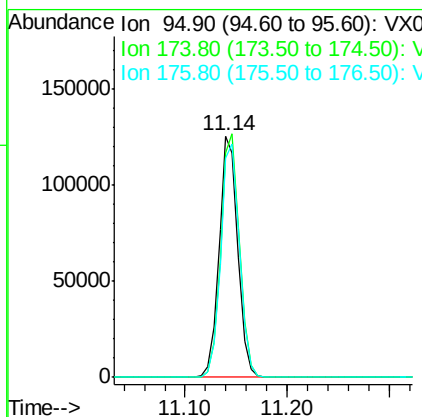
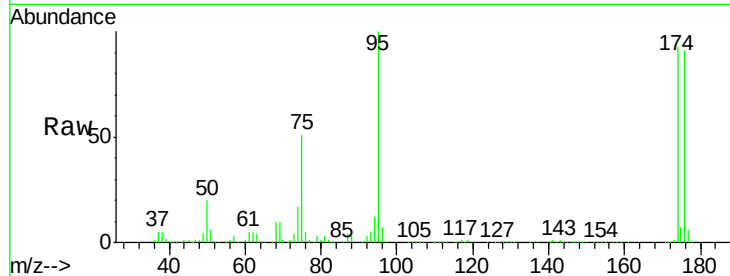




#62
4-Bromofluorobenzene
Concen: 36.78 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001491.D
Acq: 08 May 2018 03:20

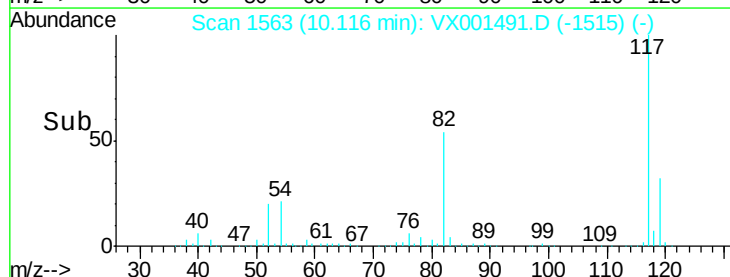
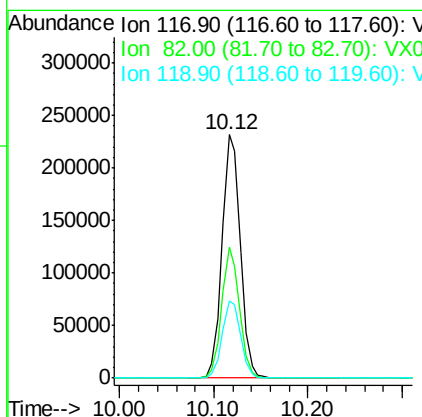
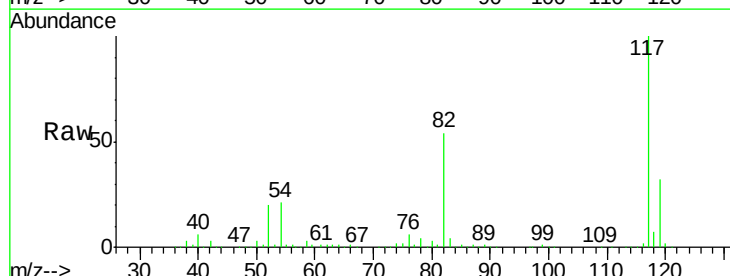
Instrument :
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ClientSampleId :
LS-SOIL-PILE-2A

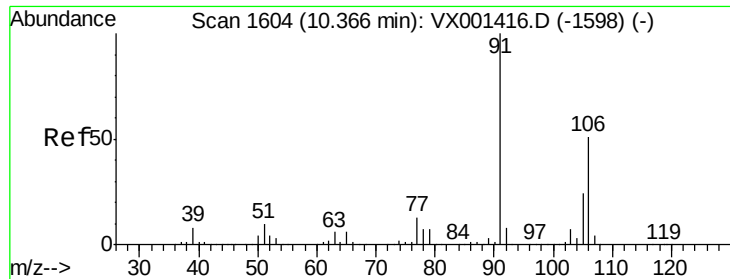
Tot Ion: 95 Resp: 160860
Ion Ratio Lower Upper
95 100
174 100.7 0.0 202.0
176 97.3 0.0 197.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001491.D
Acq: 08 May 2018 03:20

Tgt Ion: 117 Resp: 311233
Ion Ratio Lower Upper
117 100
82 53.5 40.0 60.0
119 31.9 25.8 38.8

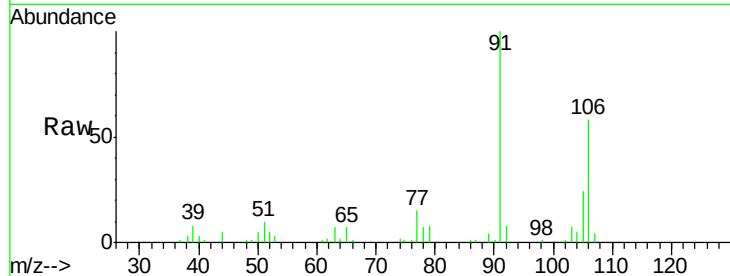




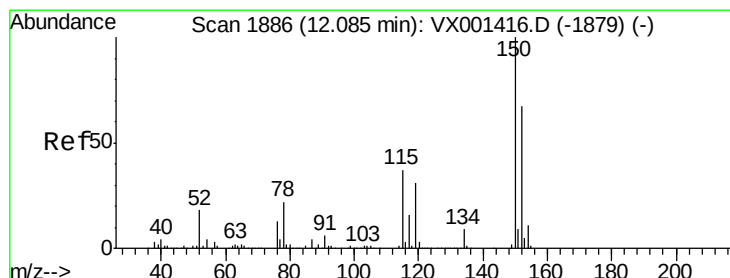
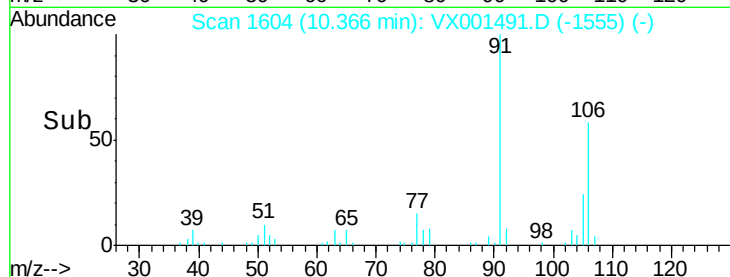
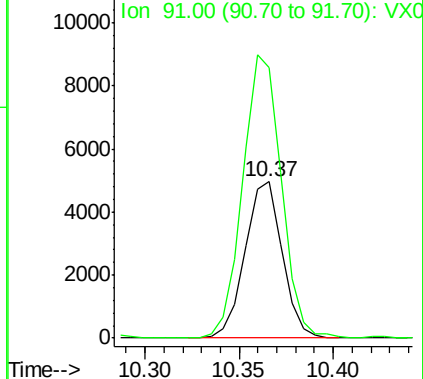
#68
m/p-Xvlenes
Concen: 1.15 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001491.D
Acq: 08 May 2018 03:20

Instrument :
MSVOA_X
ClientSampleId :
LS-SOIL-PILE-2A

Tot Ion:106 Resp: 6773
Ion Ratio Lower Upper
106 100
91 188.7 157.5 236.3

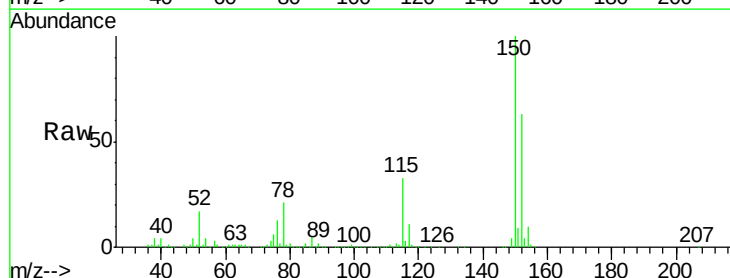


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

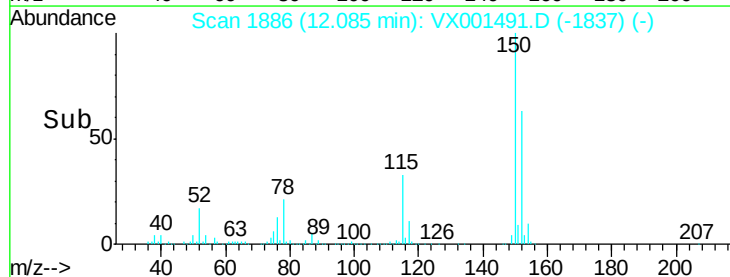
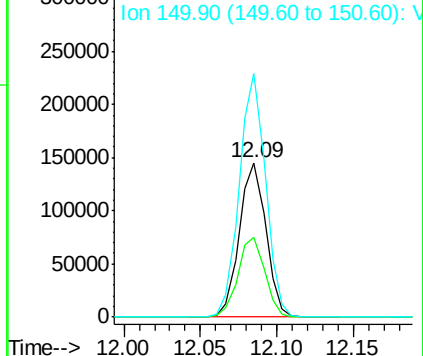


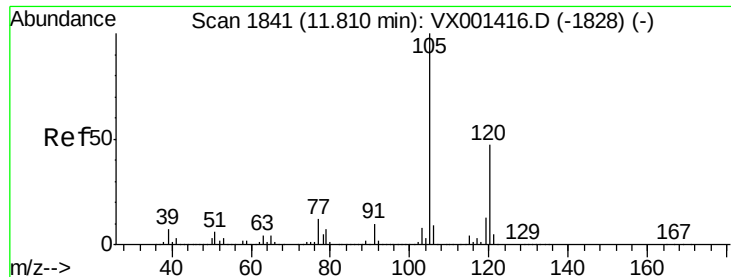
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001491.D
Acq: 08 May 2018 03:20

Tgt Ion:152 Resp: 174679
Ion Ratio Lower Upper
152 100
115 52.4 37.7 113.1
150 155.9 0.0 349.4



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





#84

1,2,4-Trimethylbenzene

Concen: 1.52 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX001491.D

Acq: 08 May 2018 03:20

Instrument :

MSVOA_X

ClientSampleId :

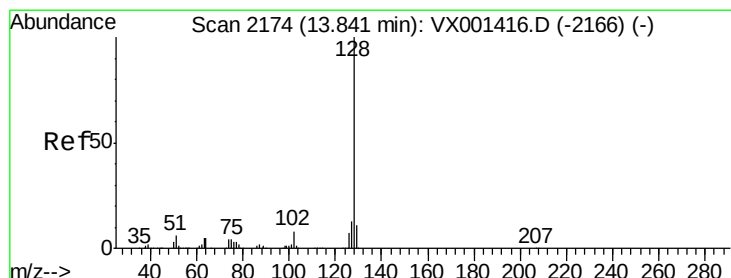
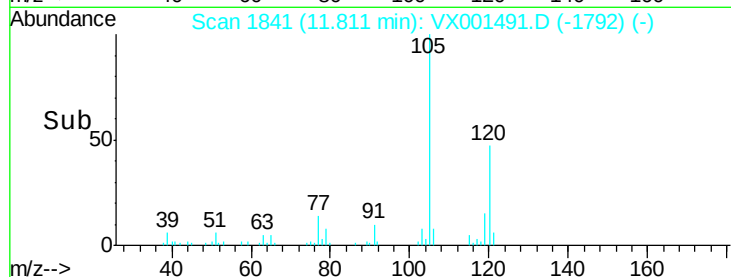
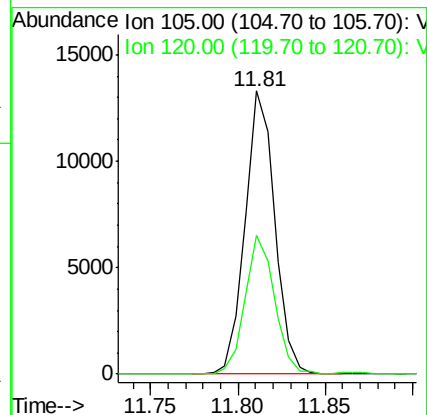
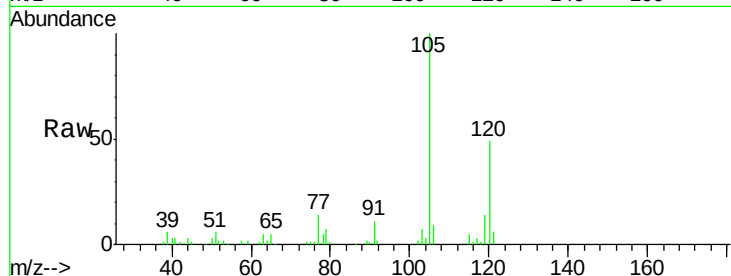
LS-SOIL-PILE-2A

Tot Ion:105 Resp: 15687

Ion Ratio Lower Upper

105 100

120 48.5 23.4 70.2



#95

Naphthalene

Concen: 20.11 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001491.D

Acq: 08 May 2018 03:20

Tgt Ion:128 Resp: 260259

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.8 8.7 13.1

