

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011719\
 Data File : VX007110.D
 Acq On : 18 Jan 2019 01:35
 Operator : JC/SP
 Sample : K1156-18
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-9

Quant Time: Jan 18 07:16:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

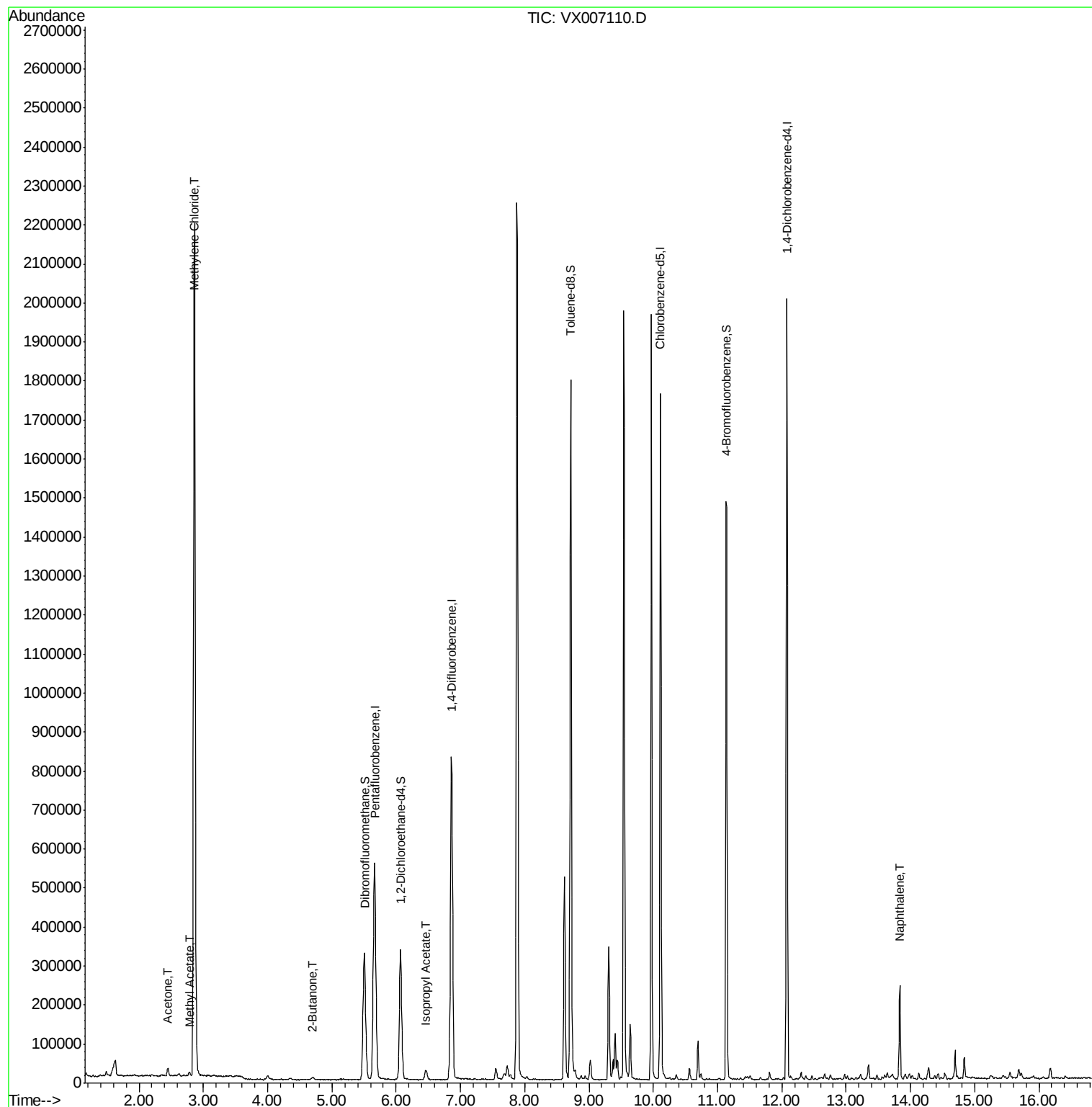
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	586230	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	892817	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	853505	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	416384	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	310228	50.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.28%	
35) Dibromofluoromethane	5.50	113	274447	48.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.00%	
50) Toluene-d8	8.71	98	1091035	52.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.26%	
62) 4-Bromofluorobenzene	11.13	95	389168	53.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.68%	
Target Compounds						
16) Acetone	2.45	43	21528	7.108	ug/l	93
18) Methyl Acetate	2.78	43	12123	1.382	ug/l	91
20) Methylene Chloride	2.86	84	1022698	178.987	ug/l	94
25) 2-Butanone	4.70	43	10158	2.344	ug/l	98
43) Isopropyl Acetate	6.46	43	35125	2.676	ug/l	98
95) Naphthalene	13.83	128	153264	5.109	ug/l	99

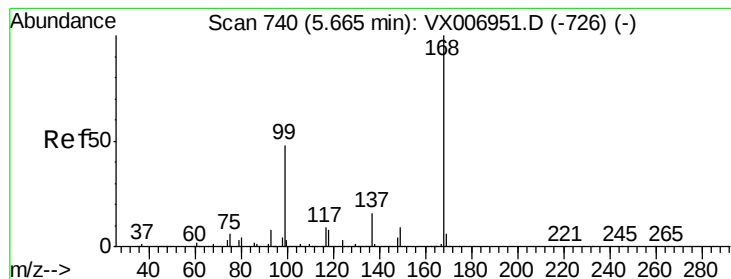
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007110.D

Acq: 18 Jan 2019 01:35

Instrument :

MSVOA_X

ClientSampleId :

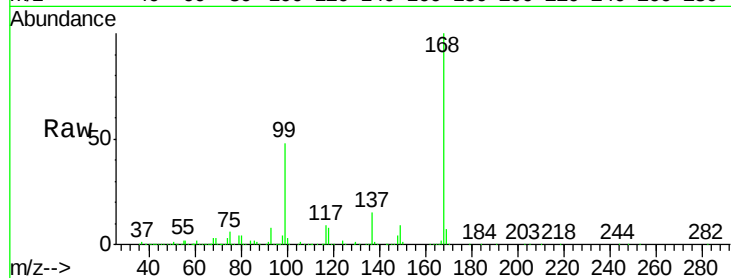
COMP-9

Tot Ion:168 Resp: 586230

Ion Ratio Lower Upper

168 100

99 48.0 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

150000

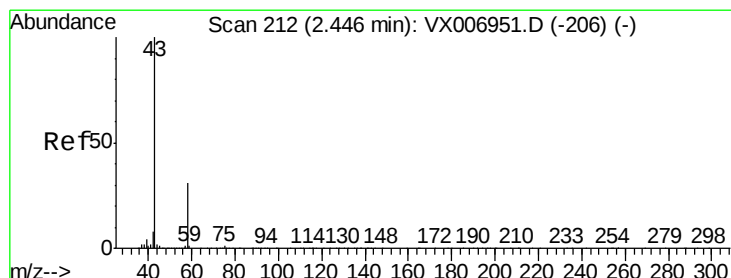
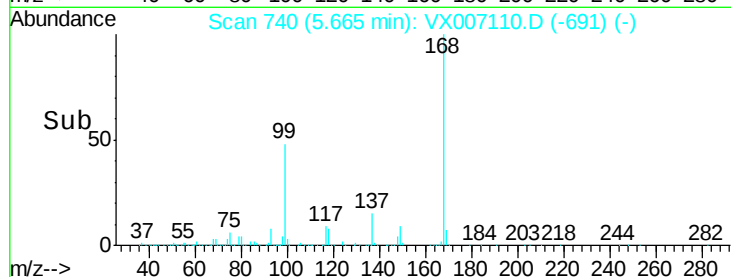
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 7.108 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007110.D

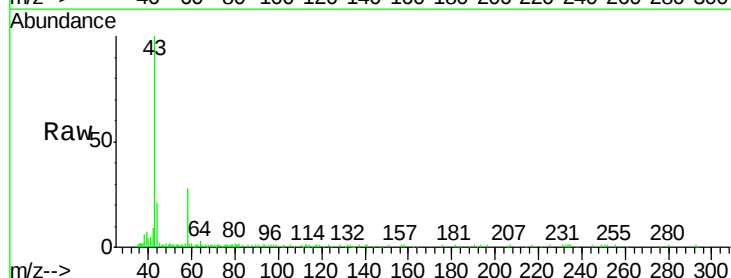
Acq: 18 Jan 2019 01:35

Tgt Ion: 43 Resp: 21528

Ion Ratio Lower Upper

43 100

58 27.3 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

15000

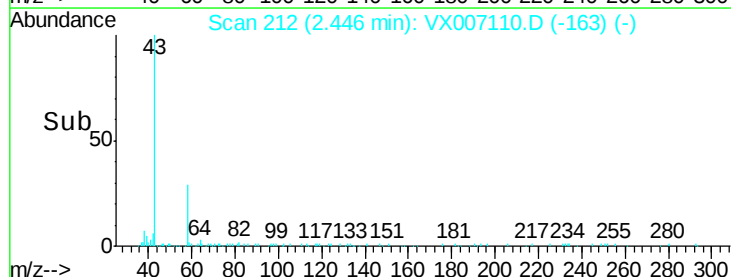
10000

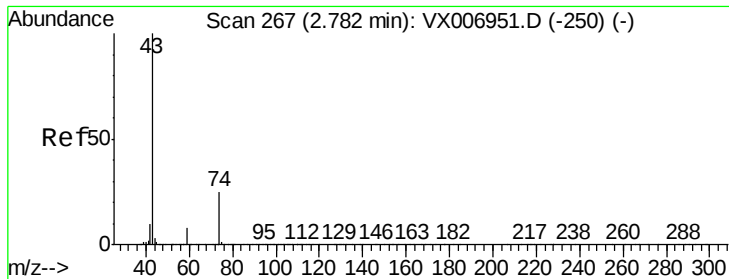
5000

0

Time-->

2.40 2.45 2.50

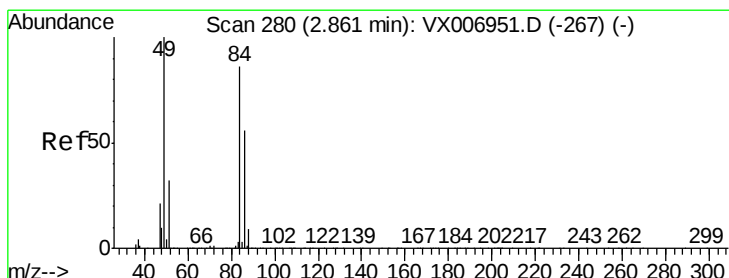
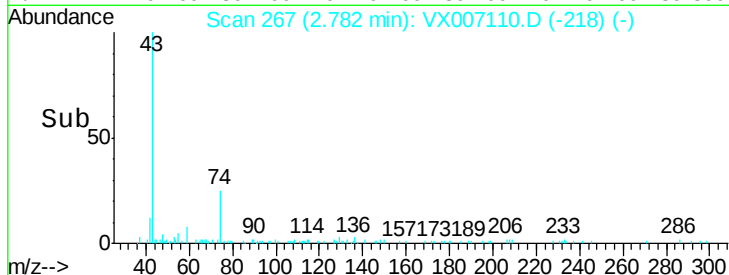
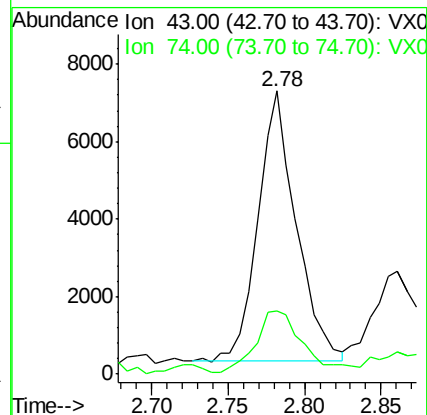
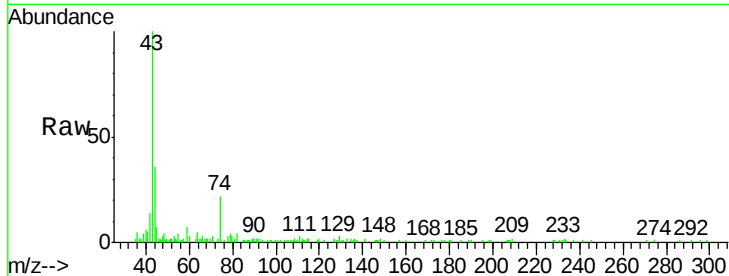




#18
Methyl Acetate
Concen: 1.382 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX007110.D
Acq: 18 Jan 2019 01:35

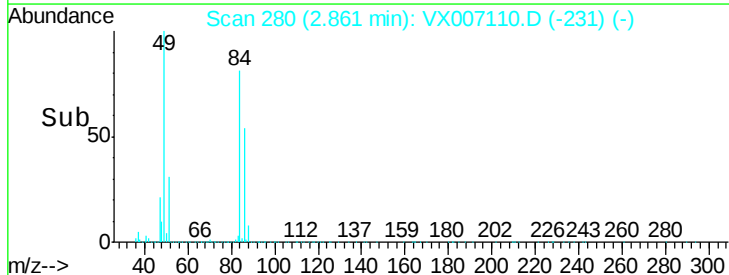
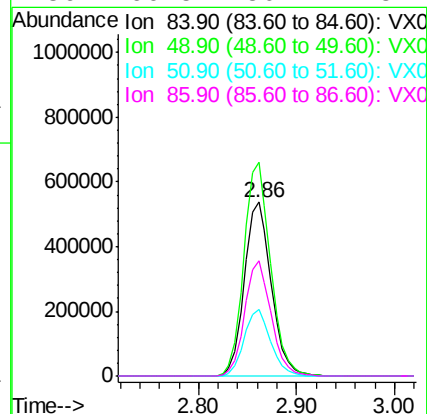
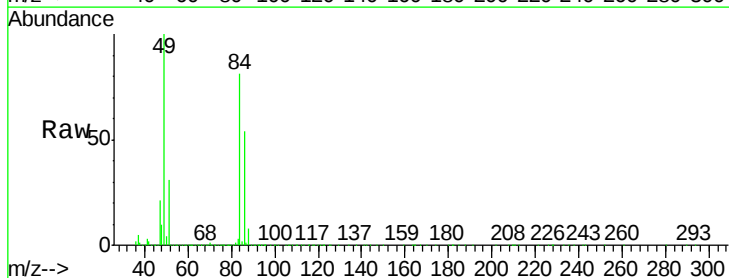
Instrument :
MSVOA_X
ClientSampled :
COMP-9

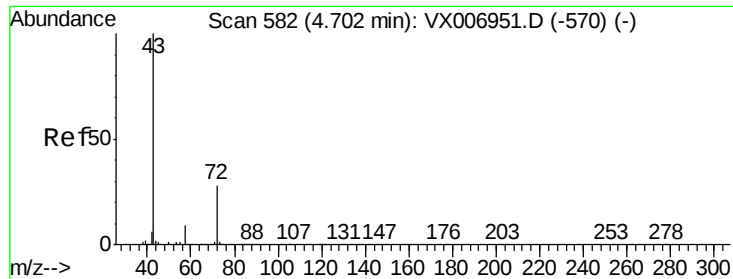
Tot Ion: 43 Resp: 12123
Ion Ratio Lower Upper
43 100
74 27.5 18.6 28.0



#20
Methylene Chloride
Concen: 178.987 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007110.D
Acq: 18 Jan 2019 01:35

Tgt Ion: 84 Resp: 1022698
Ion Ratio Lower Upper
84 100
49 122.9 91.8 137.6
51 38.4 28.5 42.7
86 66.5 50.2 75.2





#25

2-Butanone

Concen: 2.344 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX007110.D

Acq: 18 Jan 2019 01:35

Instrument :

MSVOA_X

ClientSampleId :

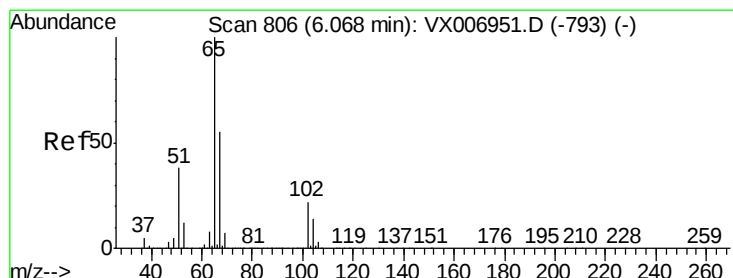
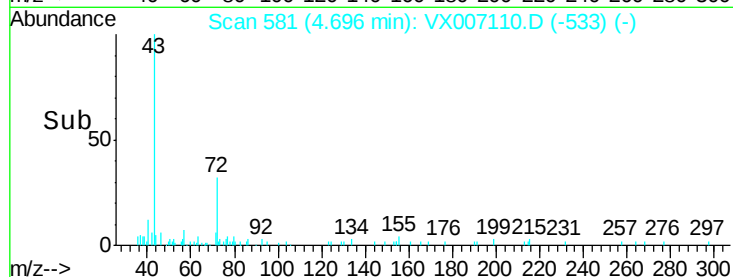
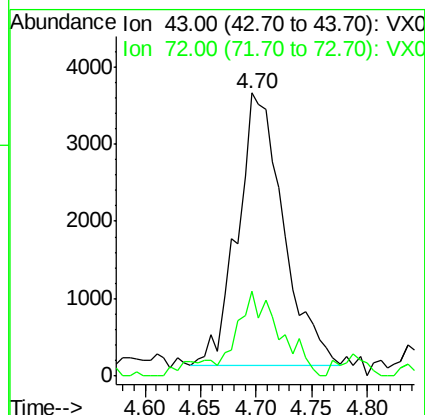
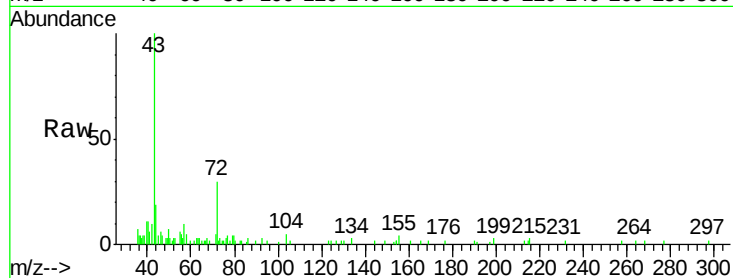
COMP-9

Tot Ion: 43 Resp: 10158

Ion Ratio Lower Upper

43 100

72 27.2 22.4 33.6



#33

1,2-Dichloroethane-d4

Concen: 50.636 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007110.D

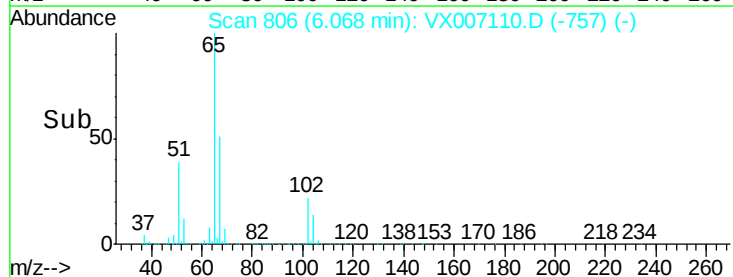
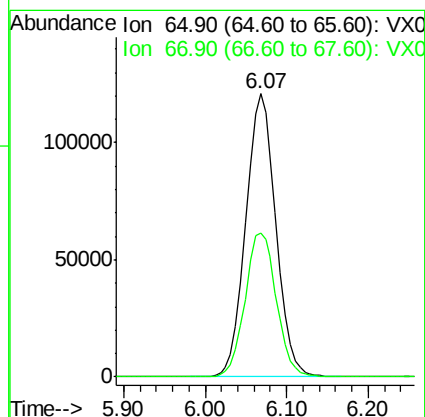
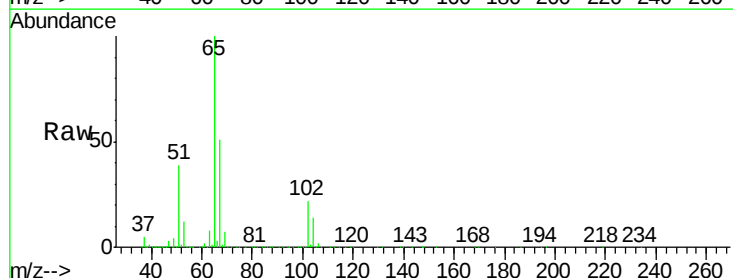
Acq: 18 Jan 2019 01:35

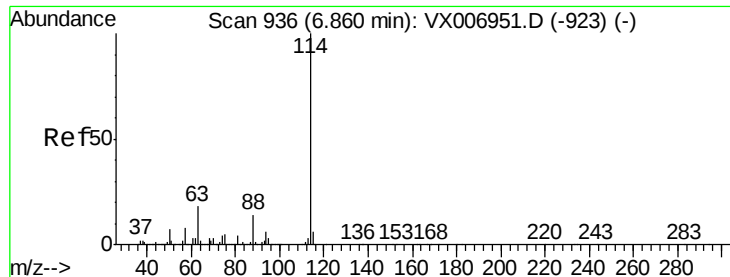
Tgt Ion: 65 Resp: 310228

Ion Ratio Lower Upper

65 100

67 53.0 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007110.D

Acq: 18 Jan 2019 01:35

Instrument :

MSVOA_X

ClientSampleId :

COMP-9

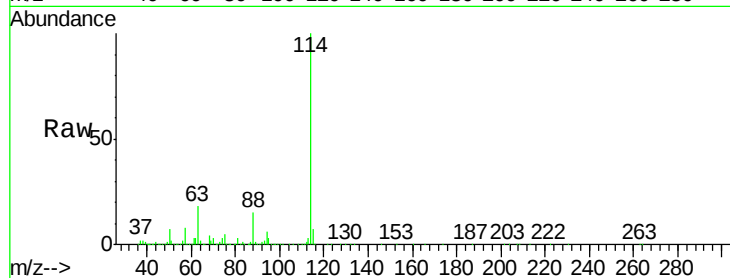
Tot Ion:114 Resp: 892817

Ion Ratio Lower Upper

114 100

63 17.9 0.0 34.8

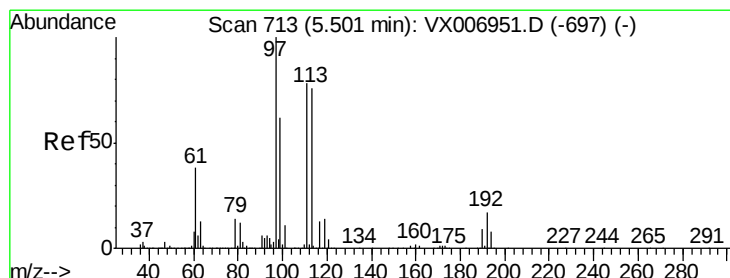
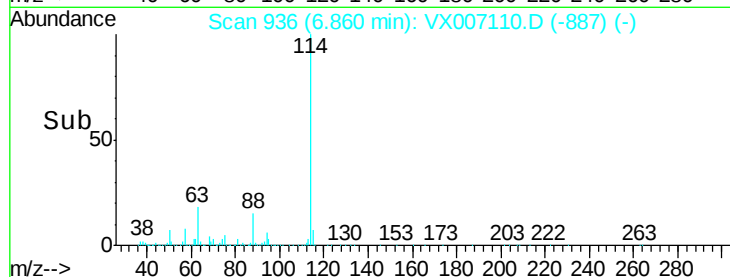
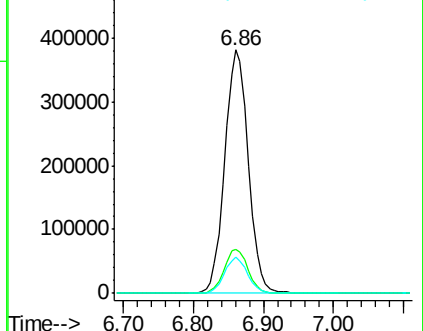
88 14.8 0.0 28.8



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



#35

Dibromofluoromethane

Concen: 48.001 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007110.D

Acq: 18 Jan 2019 01:35

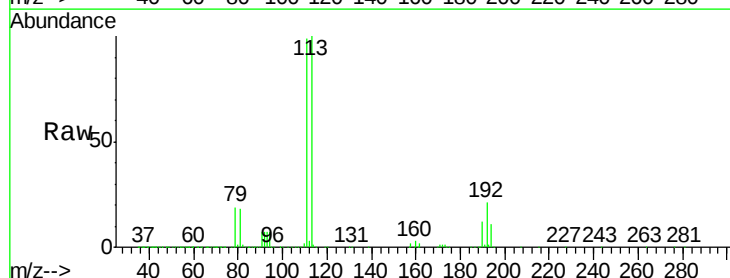
Tgt Ion:113 Resp: 274447

Ion Ratio Lower Upper

113 100

111 101.7 81.6 122.4

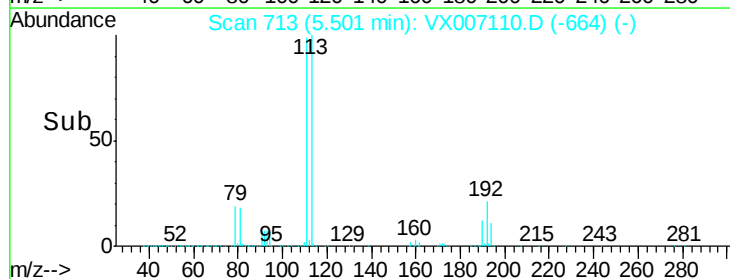
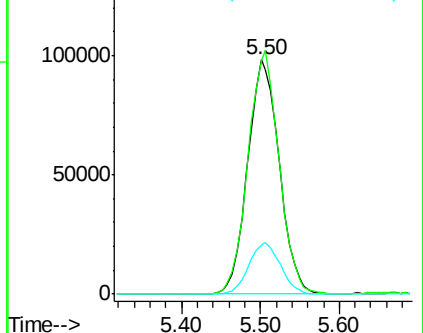
192 21.9 16.7 25.1

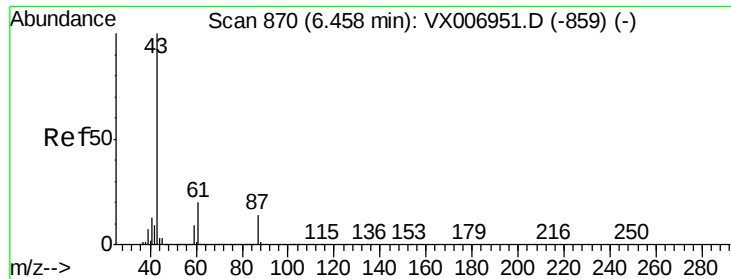


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.676 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX007110.D

Acq: 18 Jan 2019 01:35

Instrument :

MSVOA_X

ClientSampleId :

COMP-9

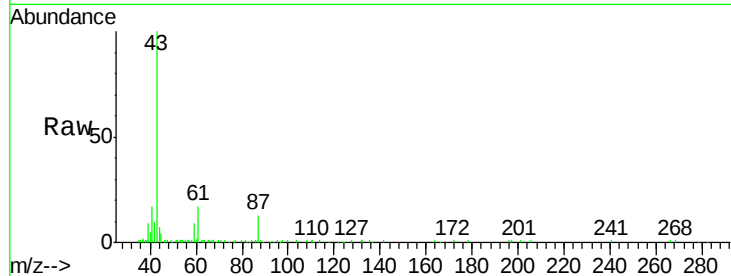
Tot Ion: 43 Resp: 35125

Ion Ratio Lower Upper

43 100

61 21.5 16.8 25.2

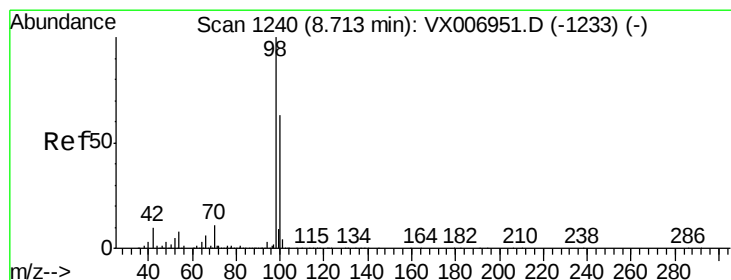
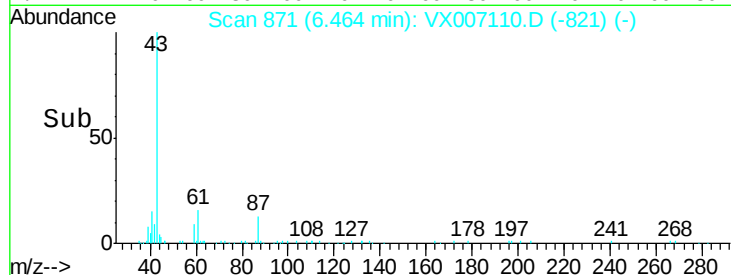
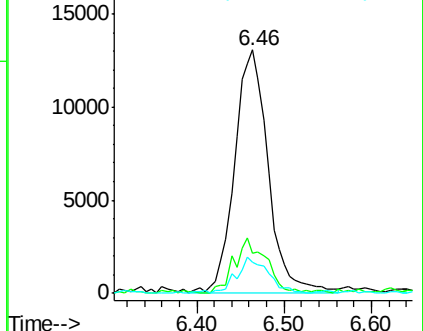
87 13.7 12.4 18.6



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: 52.133 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007110.D

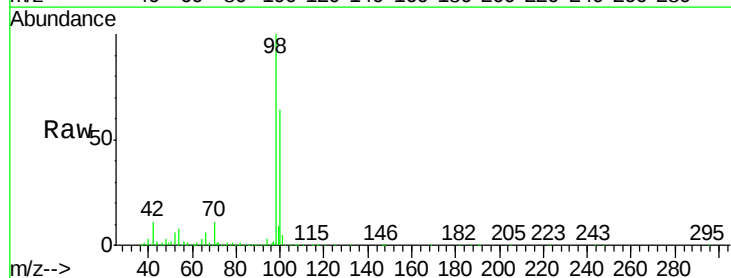
Acq: 18 Jan 2019 01:35

Tgt Ion: 98 Resp: 1091035

Ion Ratio Lower Upper

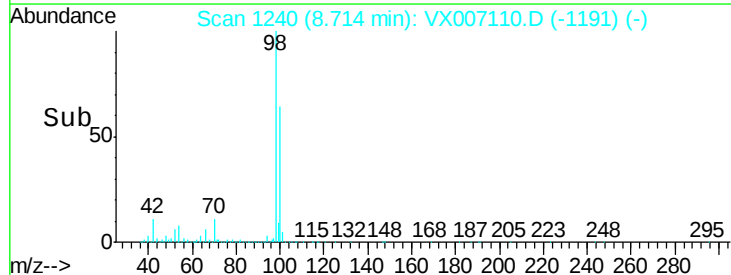
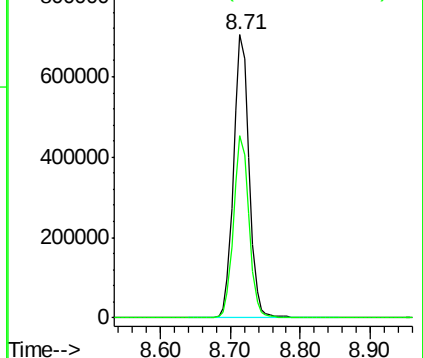
98 100

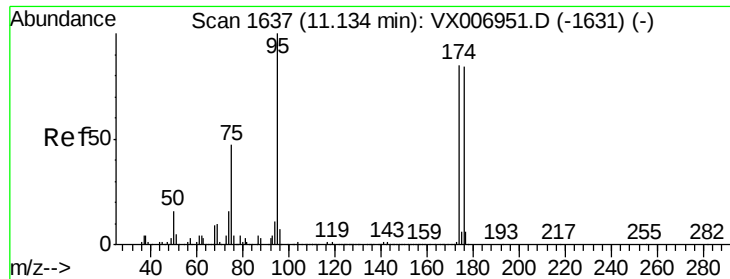
100 63.8 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

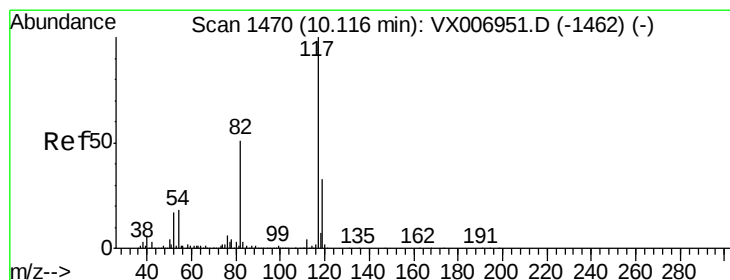
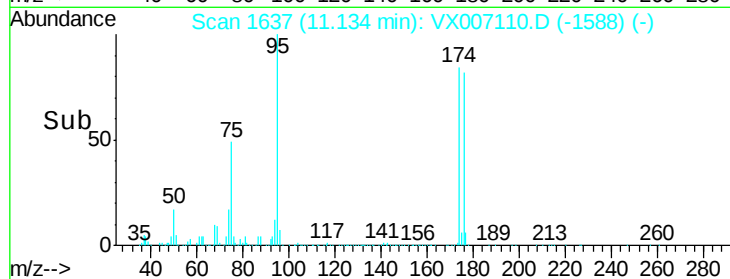
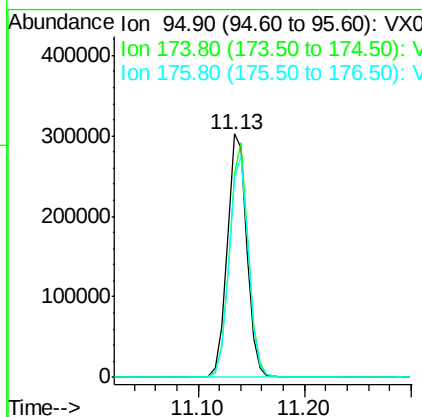
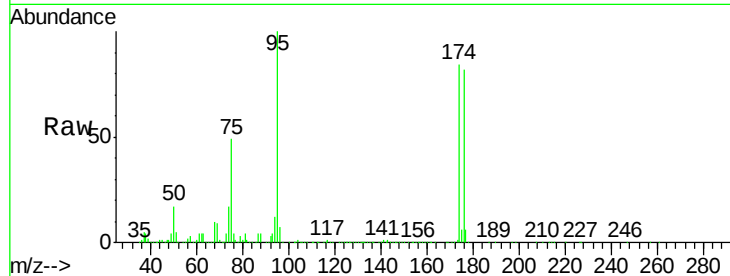




#62
4-Bromofluorobenzene
Concen: 53.340 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007110.D
Acq: 18 Jan 2019 01:35

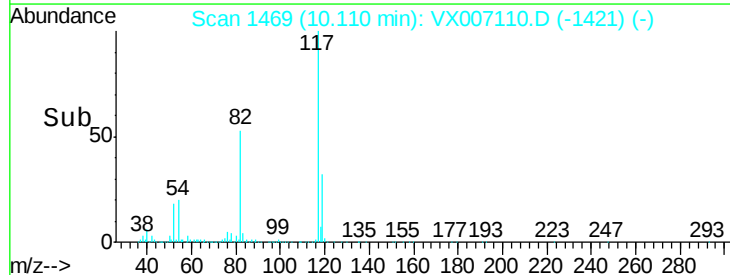
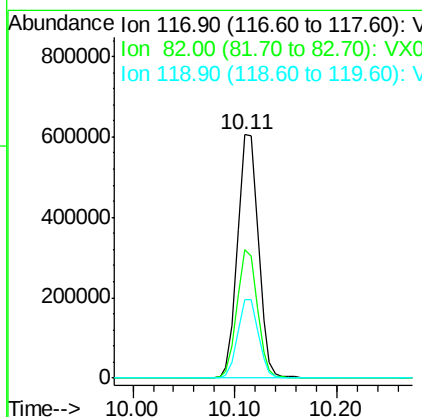
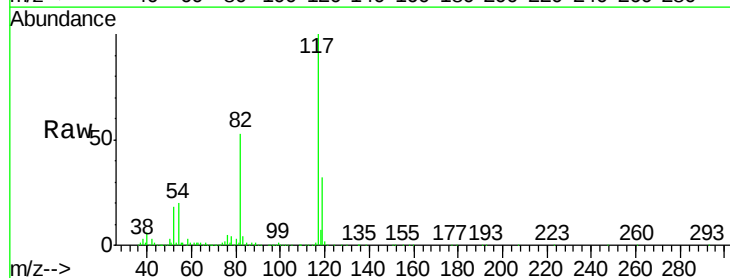
Instrument :
MSVOA_X
ClientSampleId :
COMP-9

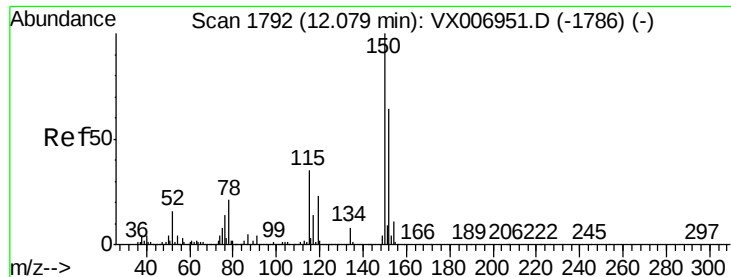
Tot Ion: 95 Resp: 389168
Ion Ratio Lower Upper
95 100
174 93.2 0.0 182.2
176 89.9 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX007110.D
Acq: 18 Jan 2019 01:35

Tgt Ion: 117 Resp: 853505
Ion Ratio Lower Upper
117 100
82 52.7 41.0 61.6
119 32.1 25.4 38.0



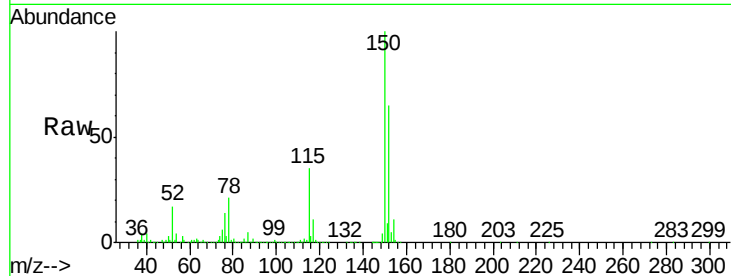


#72

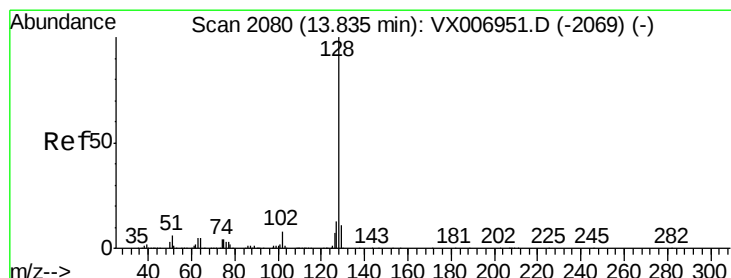
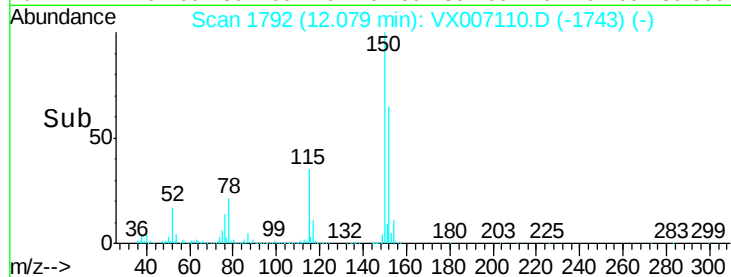
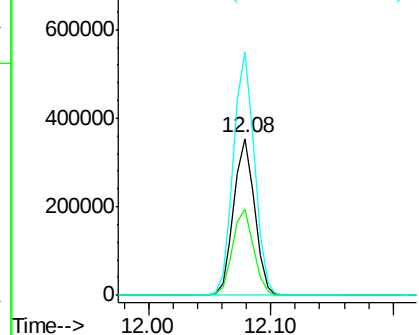
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007110.D
Acq: 18 Jan 2019 01:35

Instrument :
MSVOA_X
ClientSampled :
COMP-9

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.3	39.1	117.2
150	156.4	0.0	344.8



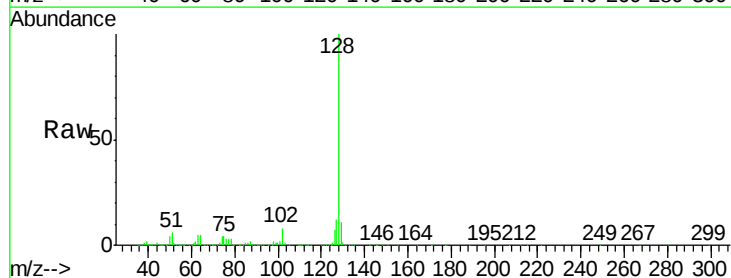
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 5.109 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX007110.D
Acq: 18 Jan 2019 01:35

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.1	15.1
129	11.2	8.6	13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

