

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011719\
 Data File : VX007108.D
 Acq On : 18 Jan 2019 00:42
 Operator : JC/SP
 Sample : K1156-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-5

Quant Time: Jan 18 07:13:26 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

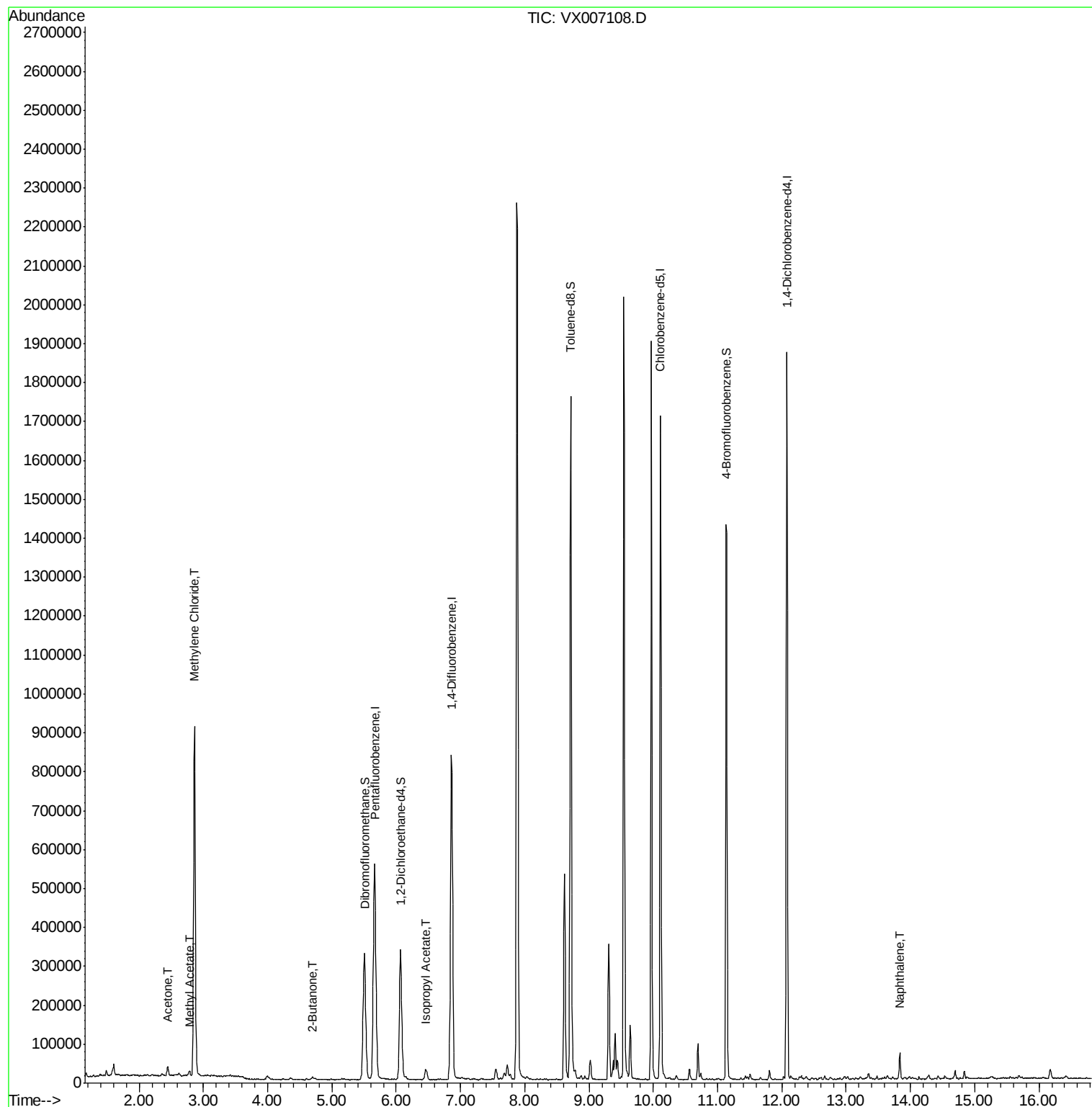
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	577147	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	894899	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	841530	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	400008	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	308889	51.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.42%	
35) Dibromofluoromethane	5.51	113	276893	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	
50) Toluene-d8	8.71	98	1075355	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	
62) 4-Bromofluorobenzene	11.13	95	372617	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
Target Compounds						
16) Acetone	2.45	43	26829	8.997	ug/l	96
18) Methyl Acetate	2.79	43	13721	1.589	ug/l	97
20) Methylene Chloride	2.86	84	421708	74.634	ug/l	96
25) 2-Butanone	4.70	43	12275	2.877	ug/l	93
43) Isopropyl Acetate	6.46	43	34209	2.600	ug/l	99
95) Naphthalene	13.83	128	41266	1.432	ug/l #	94

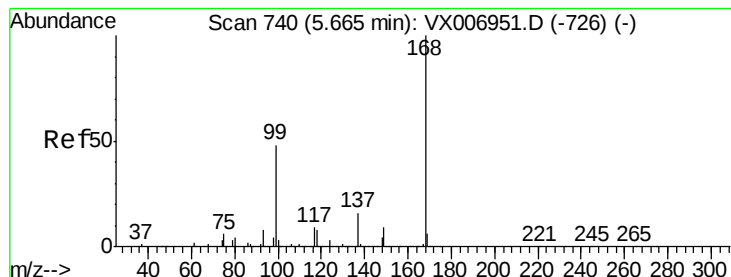
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
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: VX007108.D

Acq: 18 Jan 2019 00:42

Instrument :

MSVOA_X

ClientSampleId :

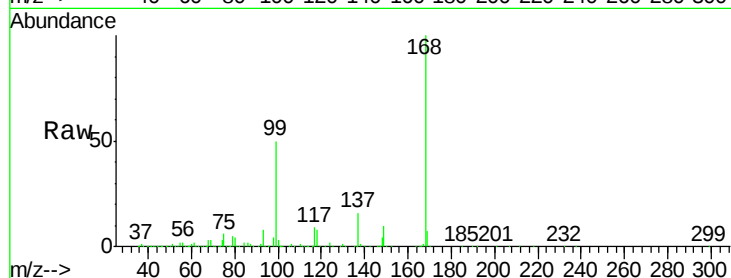
COMP-5

Tot Ion:168 Resp: 577147

Ion Ratio Lower Upper

168 100

99 49.7 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

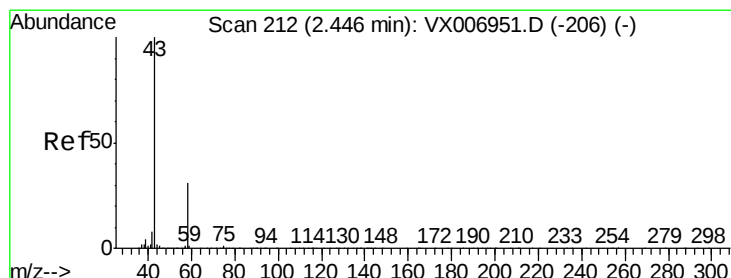
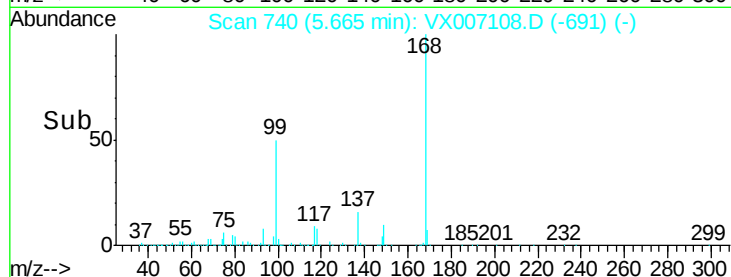
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 8.997 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007108.D

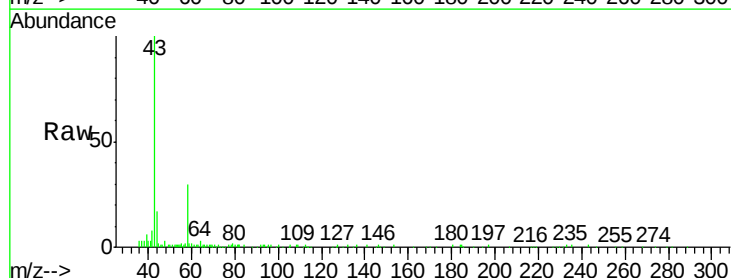
Acq: 18 Jan 2019 00:42

Tgt Ion: 43 Resp: 26829

Ion Ratio Lower Upper

43 100

58 29.3 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

20000

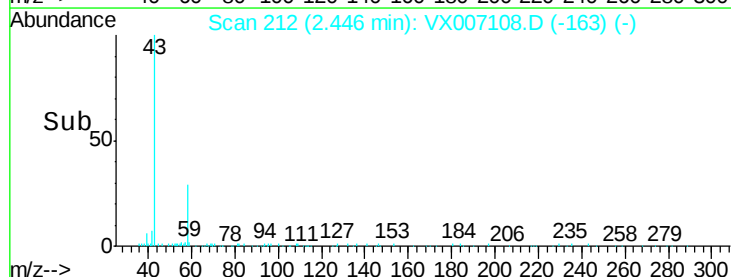
15000

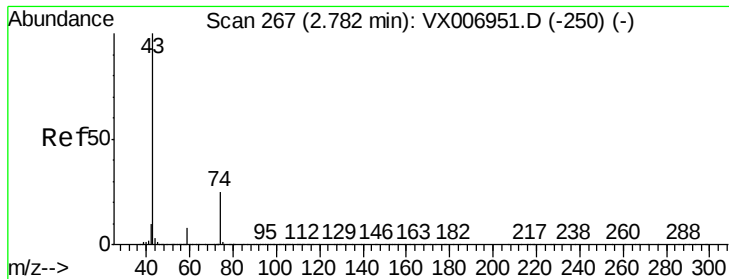
10000

5000

0

Time-->

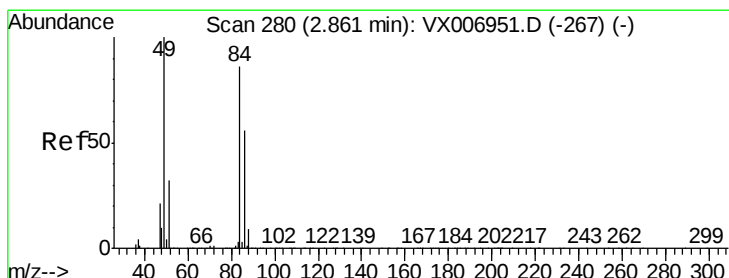
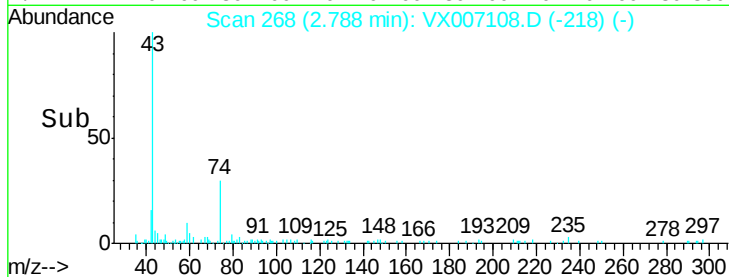
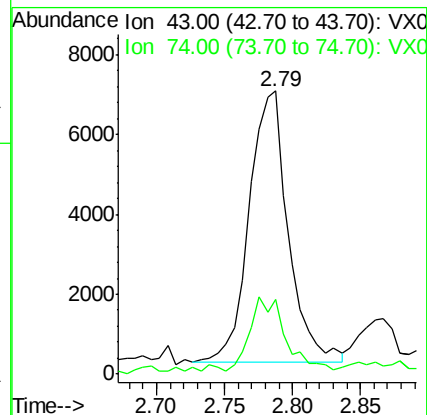
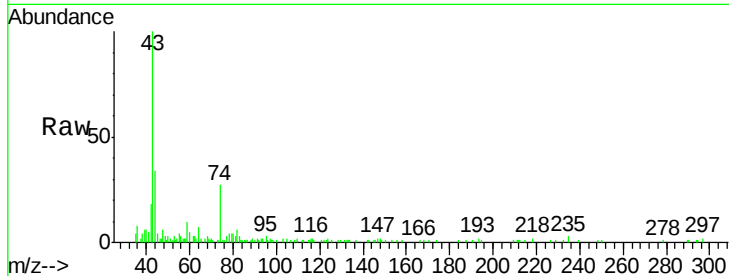




#18
Methyl Acetate
Concen: 1.589 ug/l
RT: 2.79 min Scan# 268
Delta R.T. 0.01 min
Lab File: VX007108.D
Acq: 18 Jan 2019 00:42

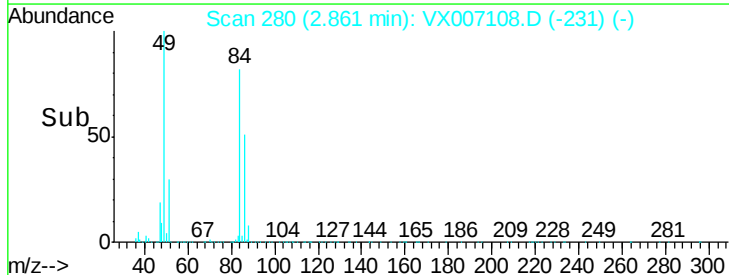
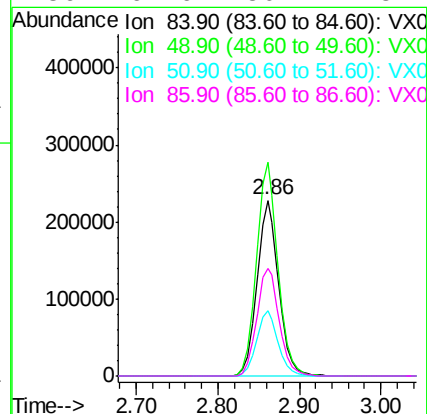
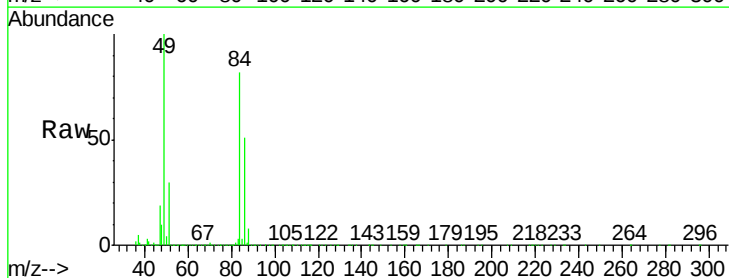
Instrument :
MSVOA_X
ClientSampleId :
COMP-5

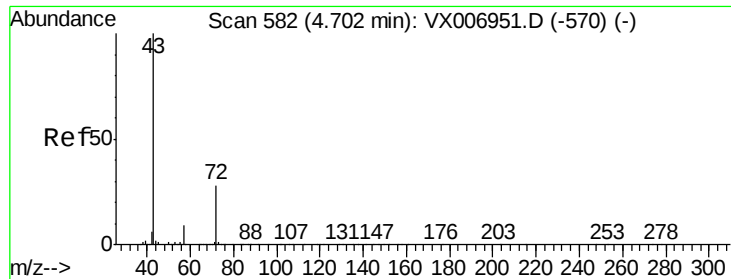
Tot Ion: 43 Resp: 13721
Ion Ratio Lower Upper
43 100
74 24.9 18.6 28.0



#20
Methylene Chloride
Concen: 74.634 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007108.D
Acq: 18 Jan 2019 00:42

Tgt Ion: 84 Resp: 421708
Ion Ratio Lower Upper
84 100
49 121.5 91.8 137.6
51 36.8 28.5 42.7
86 61.6 50.2 75.2





#25

2-Butanone

Concen: 2.877 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX007108.D

Acq: 18 Jan 2019 00:42

Instrument :

MSVOA_X

ClientSampleId :

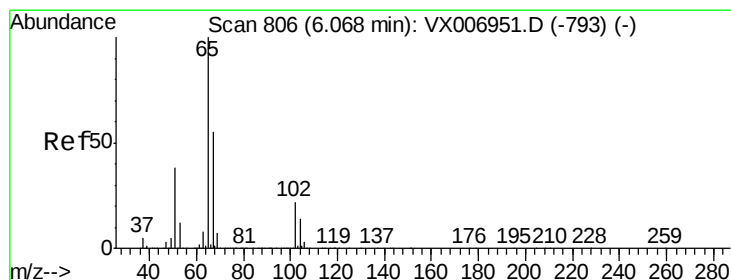
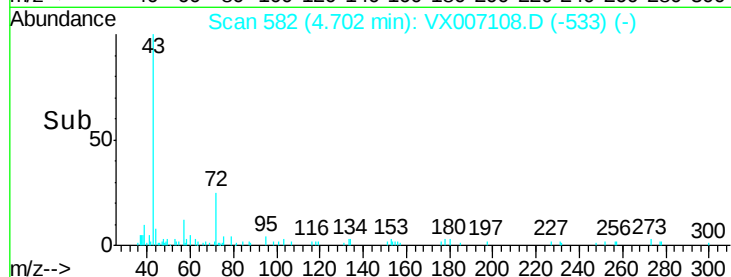
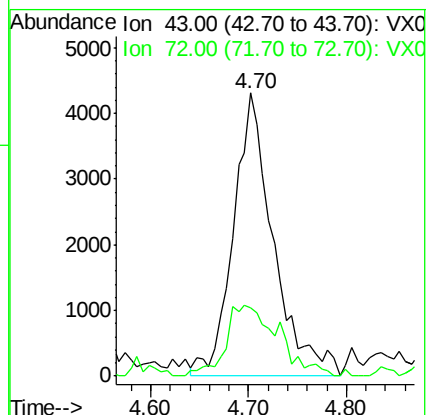
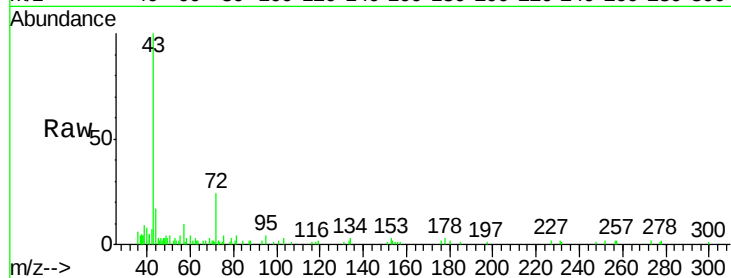
COMP-5

Tot Ion: 43 Resp: 12275

Ion Ratio Lower Upper

43 100

72 24.3 22.4 33.6



#33

1,2-Dichloroethane-d4

Concen: 51.211 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007108.D

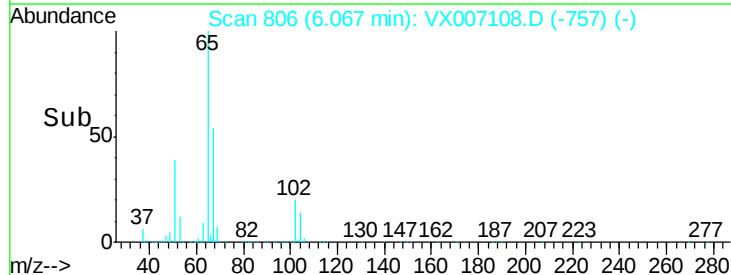
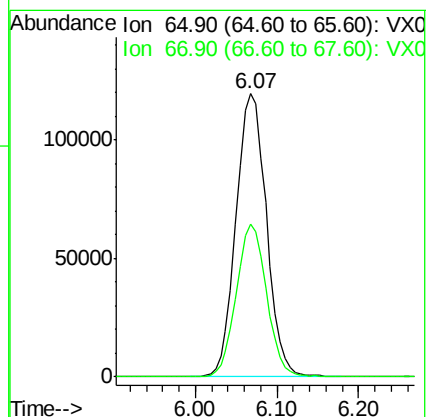
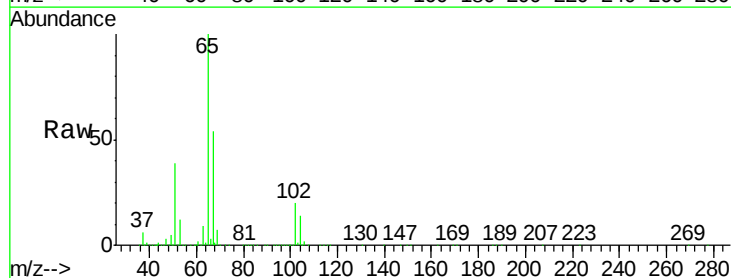
Acq: 18 Jan 2019 00:42

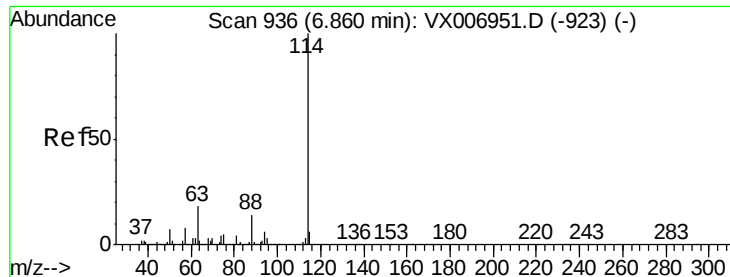
Tgt Ion: 65 Resp: 308889

Ion Ratio Lower Upper

65 100

67 53.9 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: VX007108.D

Acq: 18 Jan 2019 00:42

Instrument :

MSVOA_X

ClientSampleId :

COMP-5

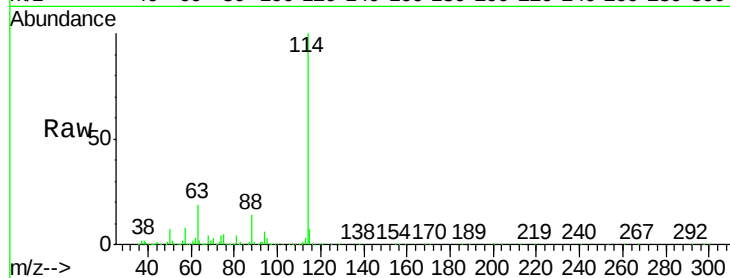
Tot Ion:114 Resp: 894899

Ion Ratio Lower Upper

114 100

63 18.9 0.0 34.8

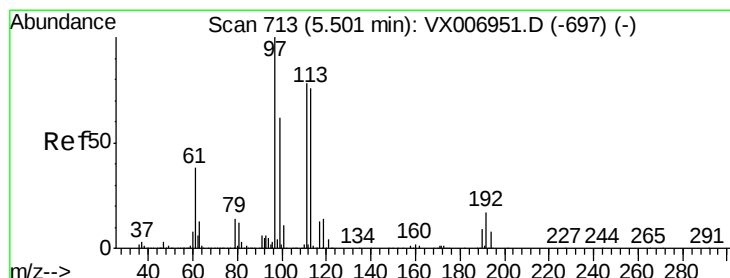
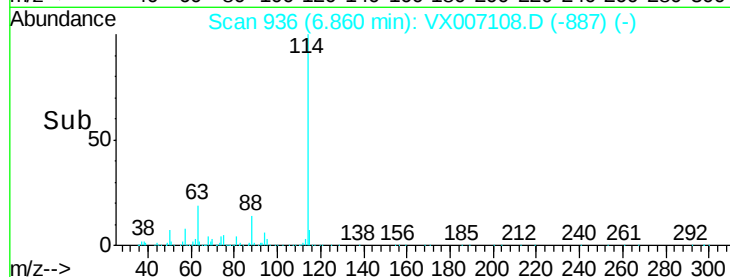
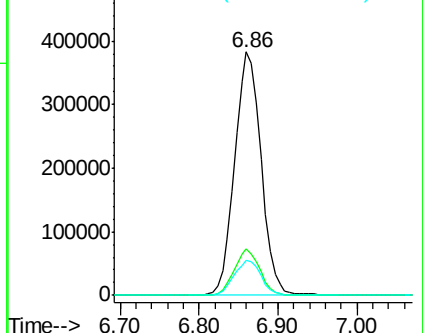
88 14.3 0.0 28.8



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: 48.316 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007108.D

Acq: 18 Jan 2019 00:42

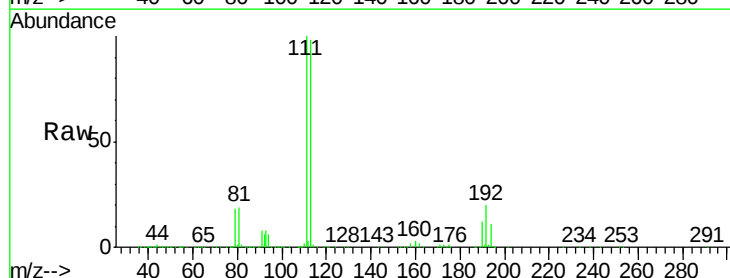
Tgt Ion:113 Resp: 276893

Ion Ratio Lower Upper

113 100

111 101.7 81.6 122.4

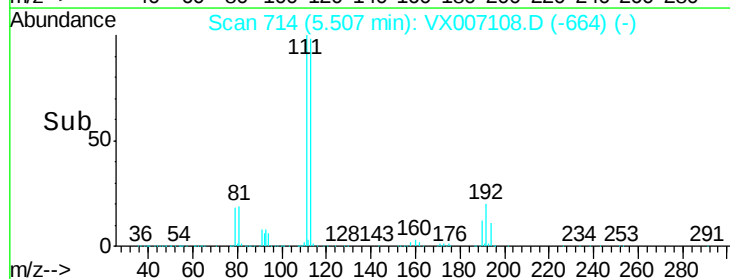
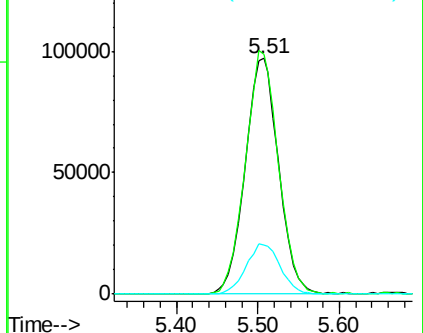
192 21.7 16.7 25.1

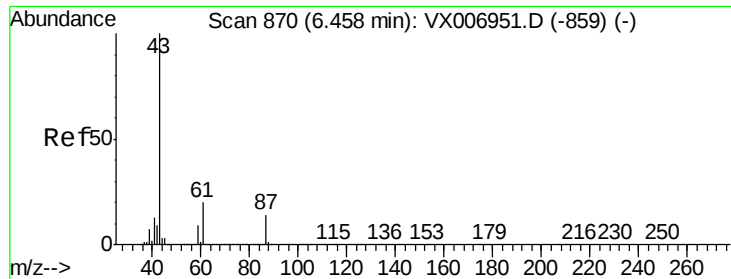


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.600 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX007108.D

Acq: 18 Jan 2019 00:42

Instrument :

MSVOA_X

ClientSampleId :

COMP-5

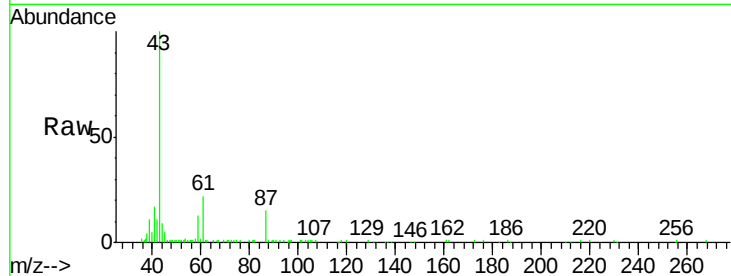
Tot Ion: 43 Resp: 34209

Ion Ratio Lower Upper

43 100

61 21.9 16.8 25.2

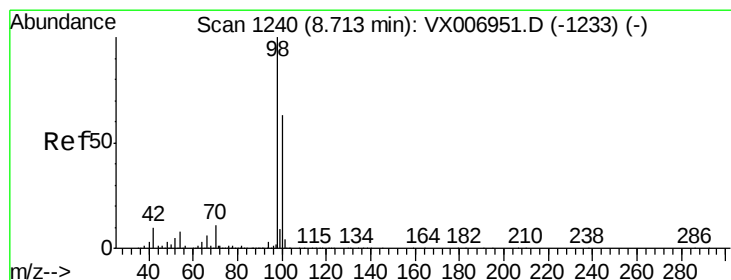
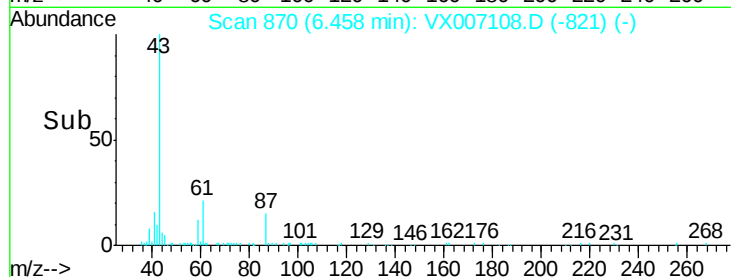
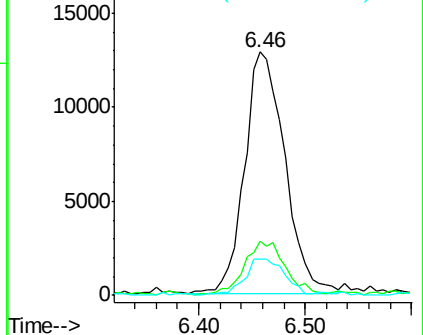
87 15.1 12.4 18.6



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: 51.264 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007108.D

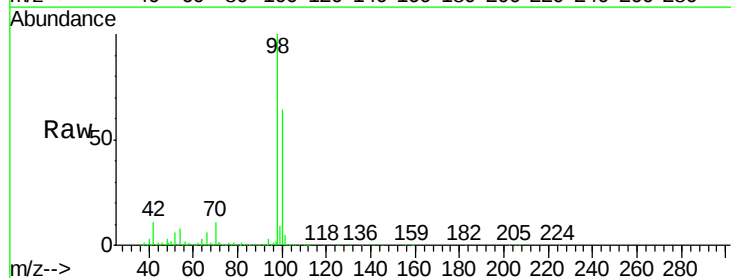
Acq: 18 Jan 2019 00:42

Tgt Ion: 98 Resp: 1075355

Ion Ratio Lower Upper

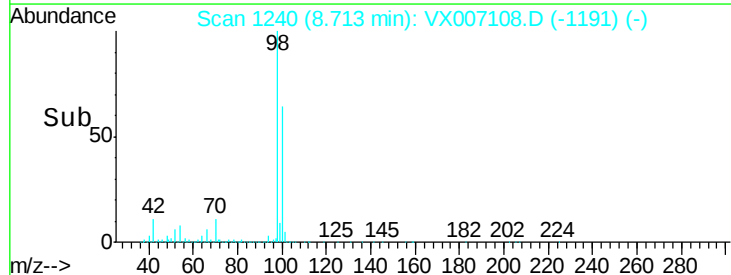
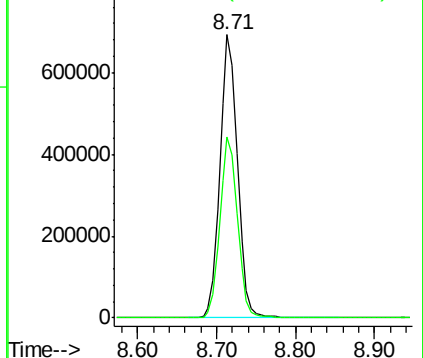
98 100

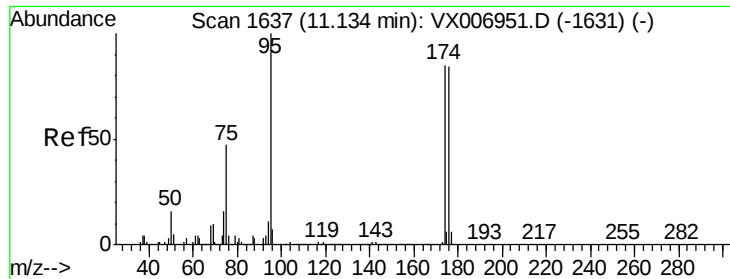
100 64.0 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 50.953 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007108.D

Acq: 18 Jan 2019 00:42

Instrument :

MSVOA_X

ClientSampleId :

COMP-5

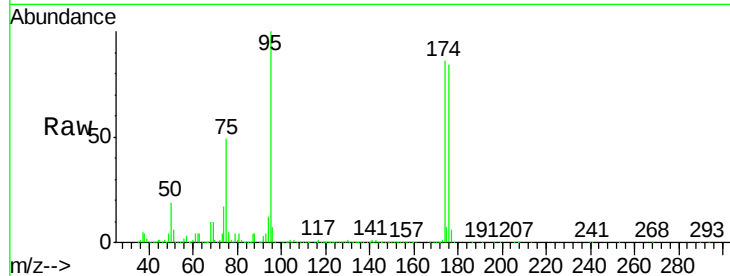
Tot Ion: 95 Resp: 372617

Ion Ratio Lower Upper

95 100

174 93.9 0.0 182.2

176 91.8 0.0 178.8

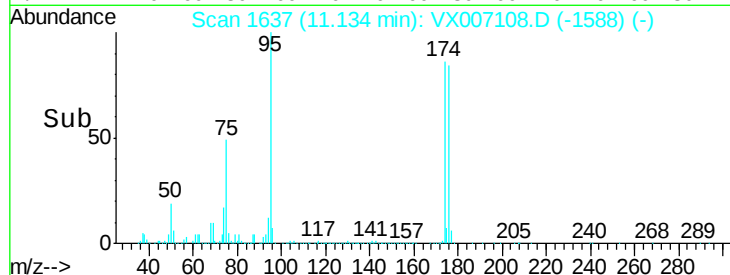


Abundance Ion 94.90 (94.60 to 95.60): VX006951.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX006951.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX006951.D (-1631) (-)

Time-->



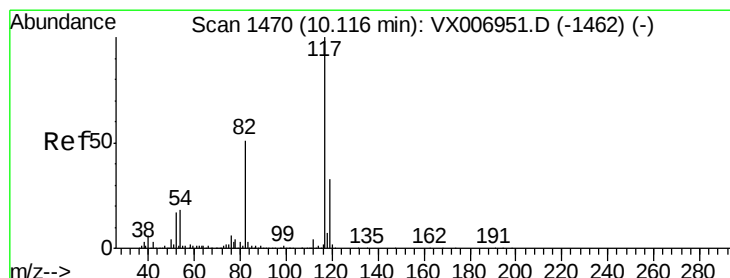
Abundance

Ion 94.90 (94.60 to 95.60): VX007108.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX007108.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX007108.D (-1588) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX007108.D

Acq: 18 Jan 2019 00:42

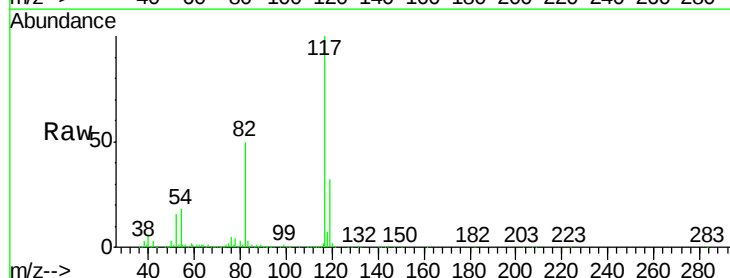
Tgt Ion: 117 Resp: 841530

Ion Ratio Lower Upper

117 100

82 50.1 41.0 61.6

119 32.5 25.4 38.0

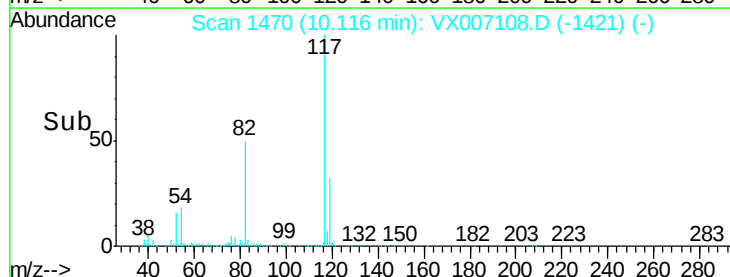


Abundance Ion 116.90 (116.60 to 117.60): VX006951.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX006951.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX006951.D (-1462) (-)

Time-->



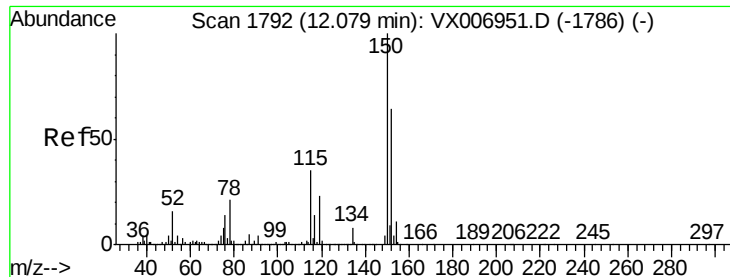
Abundance

Ion 116.90 (116.60 to 117.60): VX007108.D (-1421) (-)

Ion 82.00 (81.70 to 82.70): VX007108.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX007108.D (-1421) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007108.D

Acq: 18 Jan 2019 00:42

Instrument :

MSVOA_X

ClientSampleId :

COMP-5

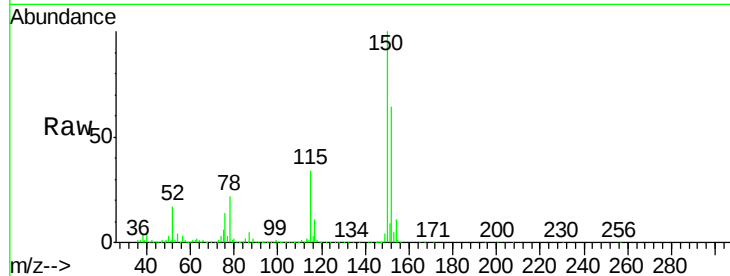
Tot Ion:152 Resp: 400008

Ion Ratio Lower Upper

152 100

115 54.0 39.1 117.2

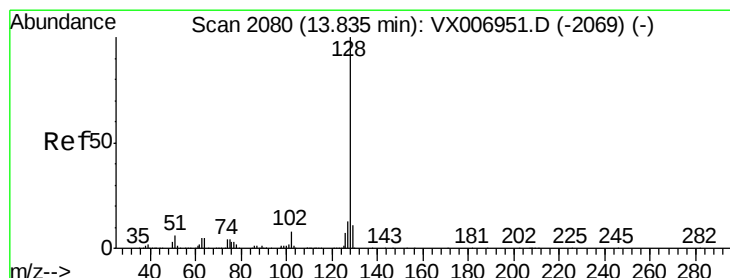
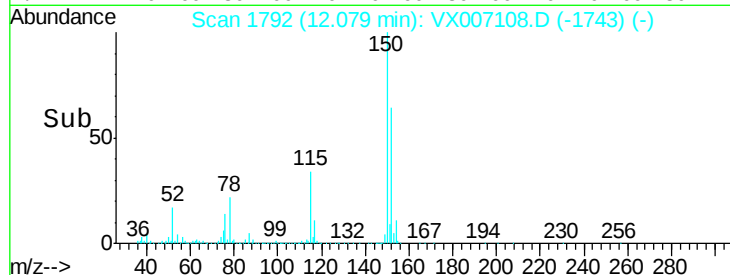
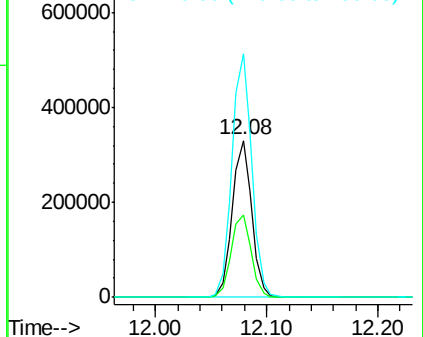
150 157.4 0.0 344.8



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: 1.432 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007108.D

Acq: 18 Jan 2019 00:42

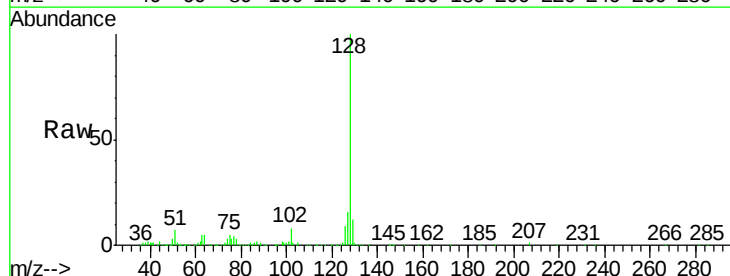
Tgt Ion:128 Resp: 41266

Ion Ratio Lower Upper

128 100

127 14.8 10.1 15.1

129 13.1 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

