

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071718\
 Data File : VX003435.D
 Acq On : 17 Jul 2018 18:34
 Operator : JC/MD
 Sample : J3829-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PL-01-071318-A

Quant Time: Jul 18 02:05:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071618W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 13:15:28 2018
 Response via : Initial Calibration

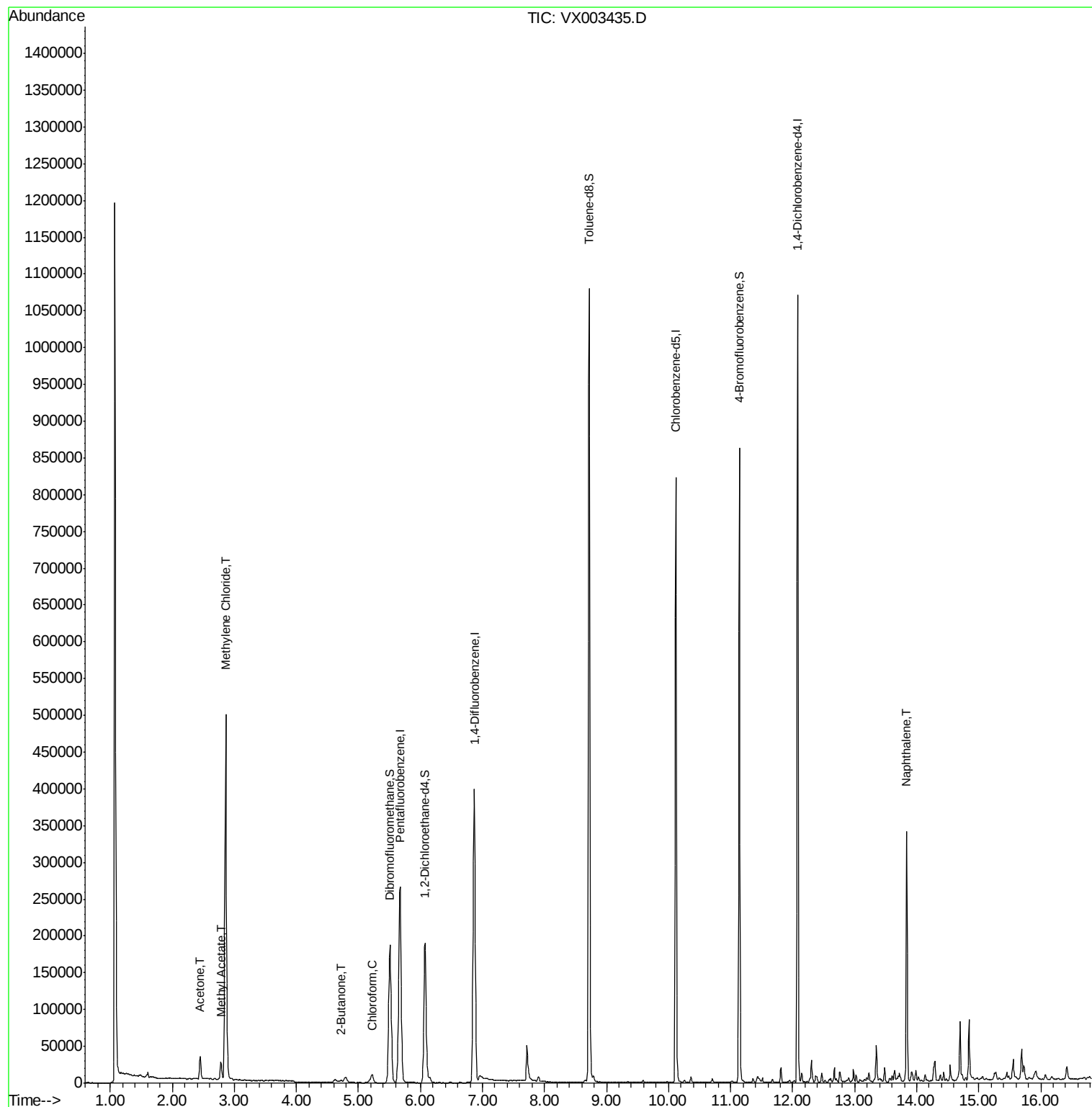
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	280080	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	433051	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	389089	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	236055	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	176258	48.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.10%	
35) Dibromofluoromethane	5.51	113	157817	45.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.08%	
50) Toluene-d8	8.72	98	668340	51.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.38%	
62) 4-Bromofluorobenzene	11.14	95	212541	46.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.08%	
Target Compounds						
16) Acetone	2.45	43	33393	21.89	ug/l #	88
18) Methyl Acetate	2.78	43	28199	5.67	ug/l	93
20) Methylene Chloride	2.86	84	236473	82.61	ug/l	86
25) 2-Butanone	4.71	43	5599	2.35	ug/l #	85
30) Chloroform	5.23	83	12411	2.29	ug/l	91
95) Naphthalene	13.83	128	217881	14.08	ug/l	99

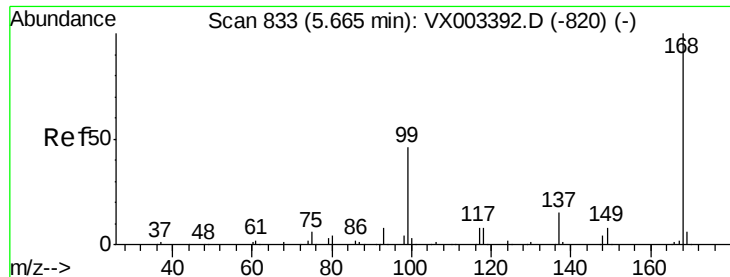
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003435.D

Acq: 17 Jul 2018 18:34

Instrument :

MSVOA_X

ClientSampleId :

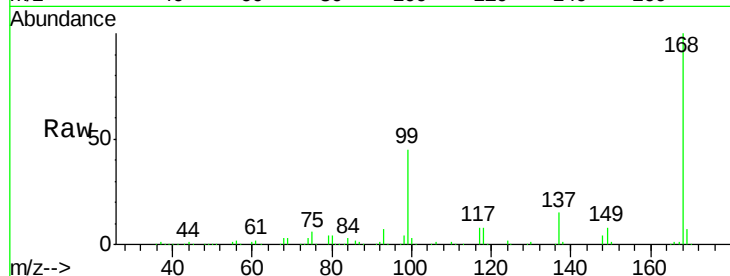
PL-01-071318-A

Tot Ion:168 Resp: 280080

Ion Ratio Lower Upper

168 100

99 44.9 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

60000

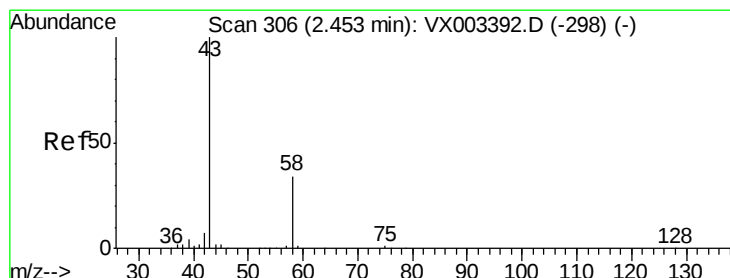
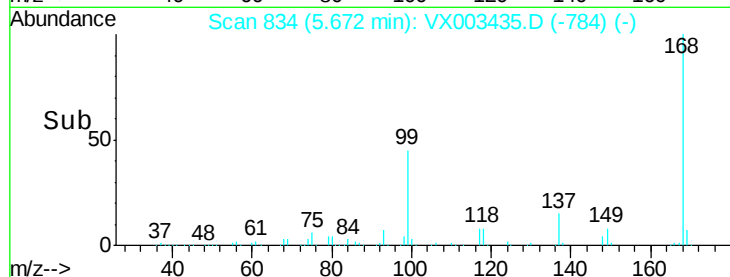
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#16

Acetone

Concen: 21.89 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003435.D

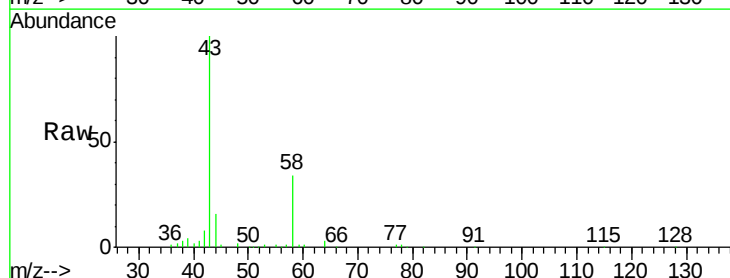
Acq: 17 Jul 2018 18:34

Tgt Ion: 43 Resp: 33393

Ion Ratio Lower Upper

43 100

58 33.8 22.1 33.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

20000

15000

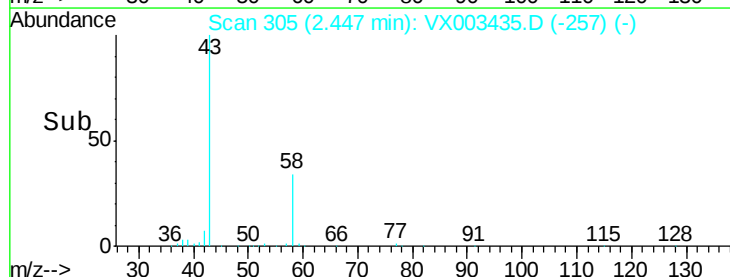
10000

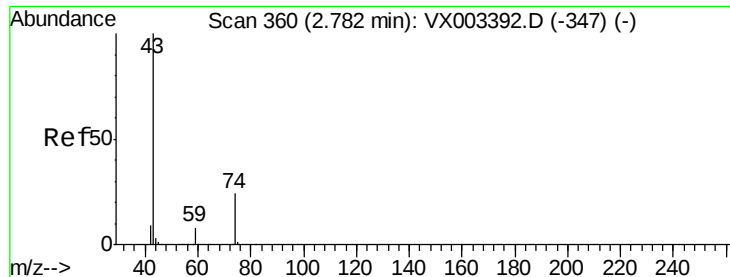
5000

0

Time-->

2.40 2.45 2.50 2.55

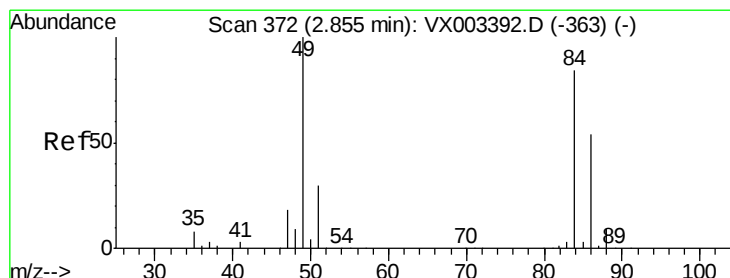
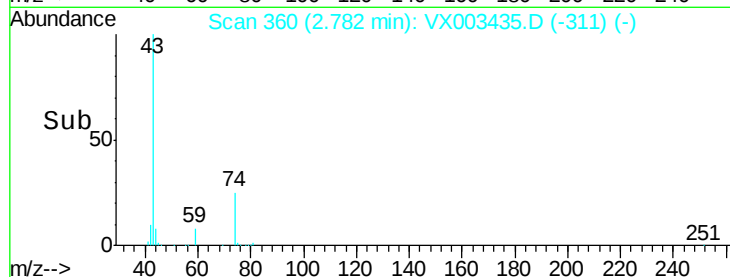
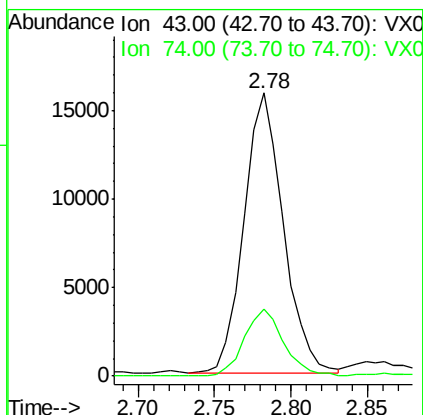
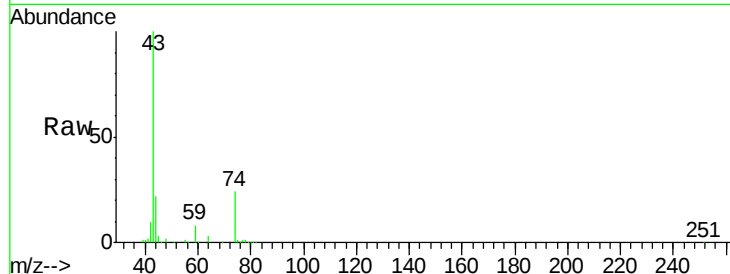




#18
Methvl Acetate
Concen: 5.67 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003435.D
Acq: 17 Jul 2018 18:34

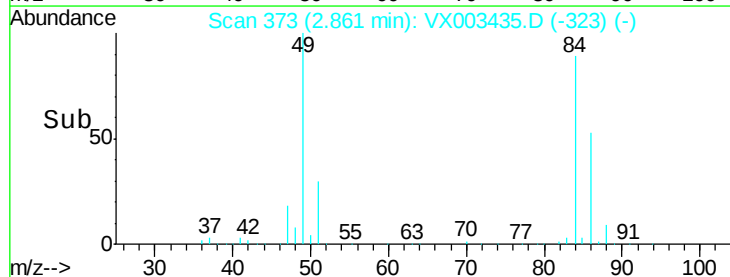
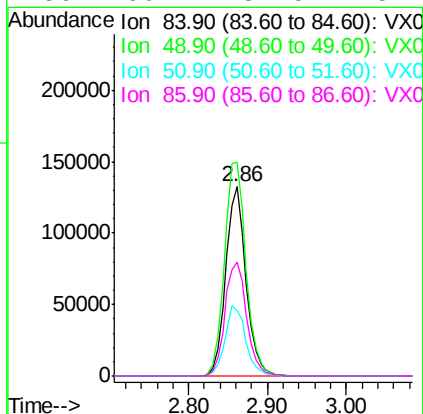
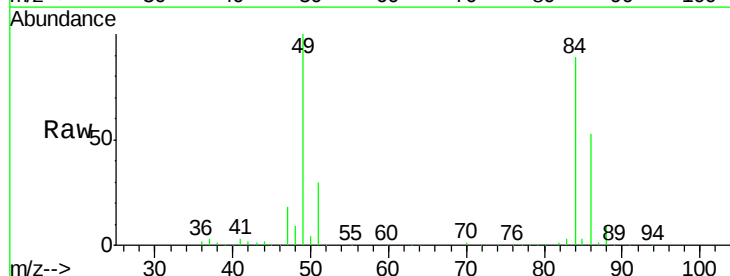
Instrument :
MSVOA_X
ClientSampleId :
PL-01-071318-A

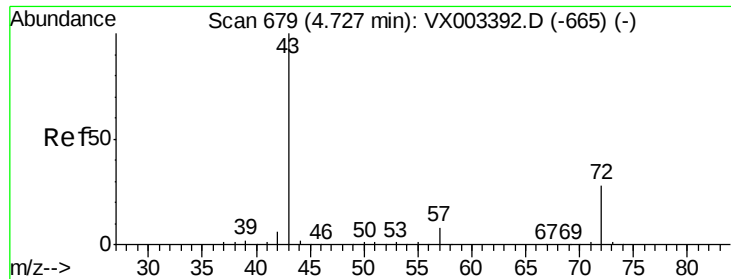
Tot Ion: 43 Resp: 28199
Ion Ratio Lower Upper
43 100
74 24.1 16.7 25.1



#20
Methylene Chloride
Concen: 82.61 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003435.D
Acq: 17 Jul 2018 18:34

Tgt Ion: 84 Resp: 236473
Ion Ratio Lower Upper
84 100
49 113.0 107.8 161.6
51 34.3 32.8 49.2
86 60.2 52.5 78.7





#25

2-Butanone

Concen: 2.35 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX003435.D

Acq: 17 Jul 2018 18:34

Instrument :

MSVOA_X

ClientSampleId :

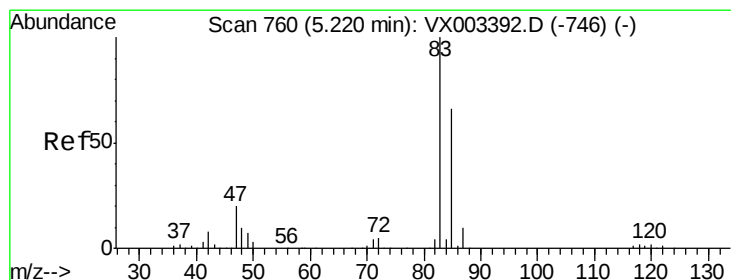
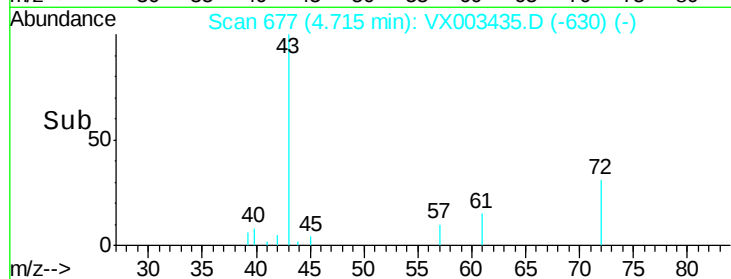
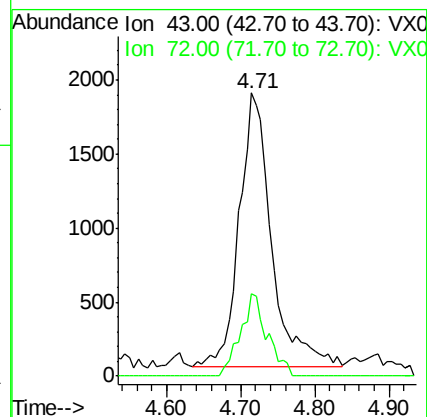
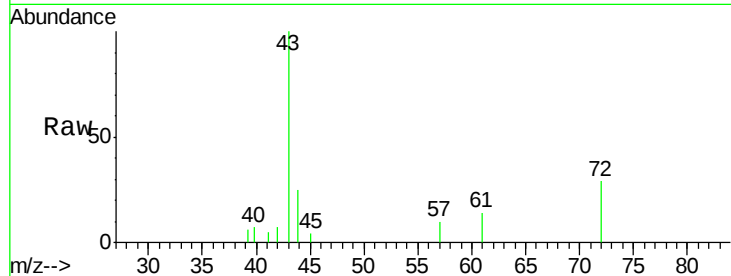
PL-01-071318-A

Tot Ion: 43 Resp: 5599

Ion Ratio Lower Upper

43 100

72 30.4 18.5 27.7#



#30

Chloroform

Concen: 2.29 ug/l

RT: 5.23 min Scan# 761

Delta R.T. 0.01 min

Lab File: VX003435.D

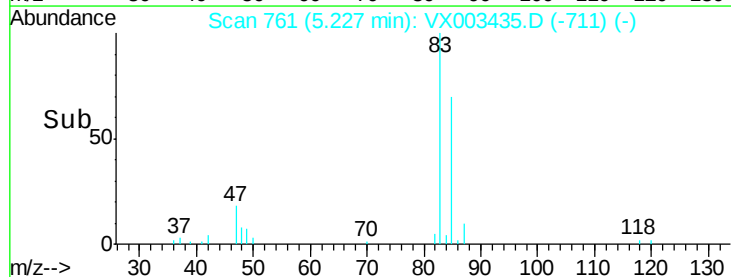
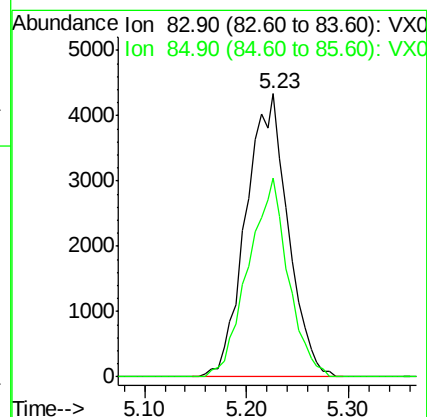
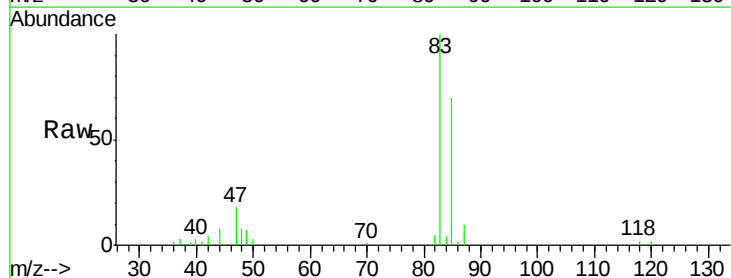
Acq: 17 Jul 2018 18:34

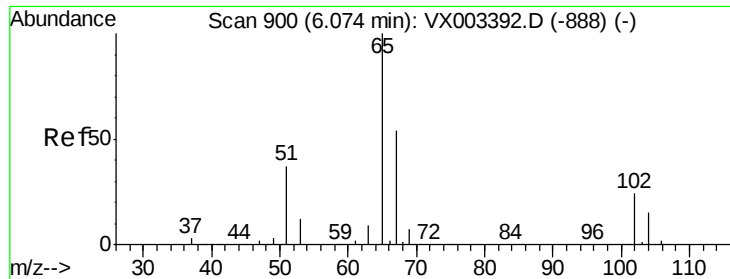
Tgt Ion: 83 Resp: 12411

Ion Ratio Lower Upper

83 100

85 70.1 50.4 75.6





#33

1,2-Dichloroethane-d4

Concen: 48.05 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX003435.D

Acq: 17 Jul 2018 18:34

Instrument :

MSVOA_X

ClientSampleId :

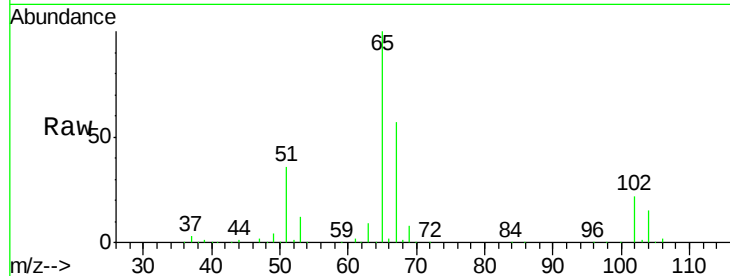
PL-01-071318-A

Tot Ion: 65 Resp: 176258

Ion Ratio Lower Upper

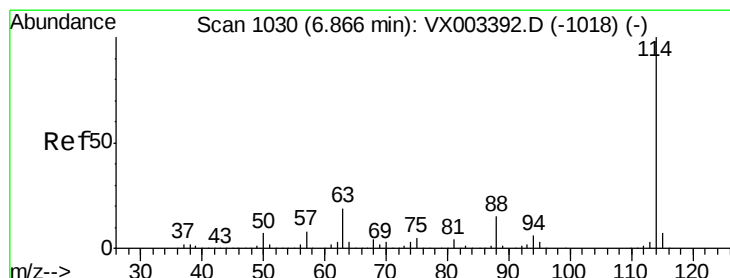
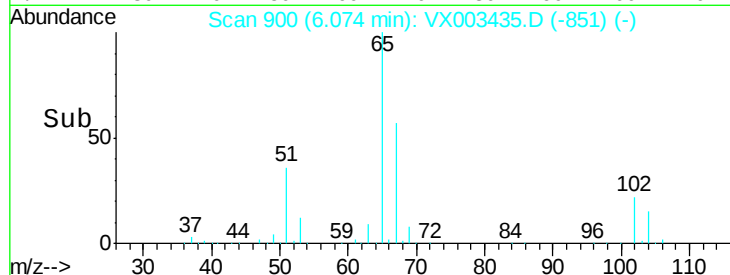
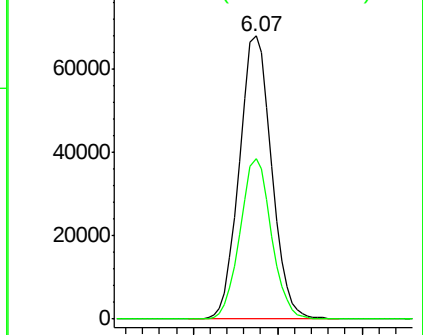
65 100

67 55.1 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX003435.D

Acq: 17 Jul 2018 18:34

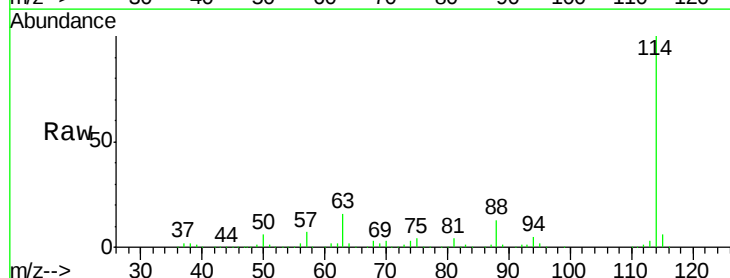
Tgt Ion: 114 Resp: 433051

Ion Ratio Lower Upper

114 100

63 16.2 0.0 41.4

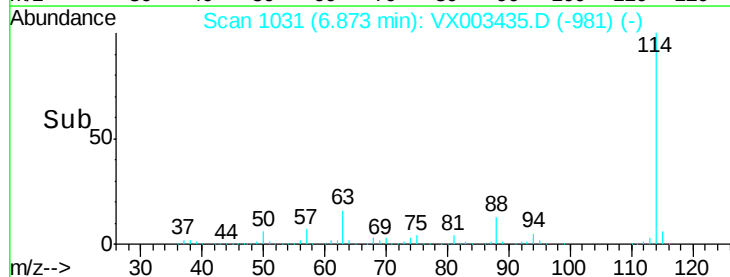
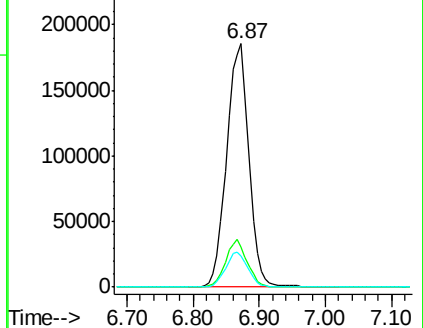
88 12.8 0.0 30.0

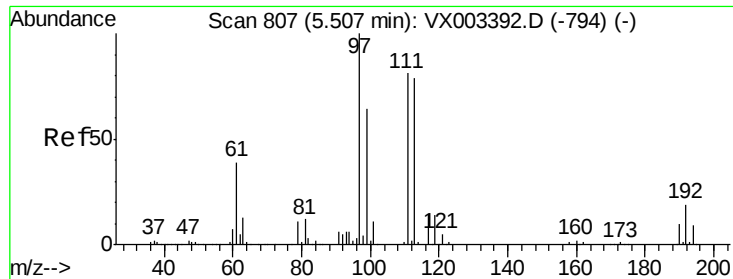


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 45.04 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003435.D

Acq: 17 Jul 2018 18:34

Instrument :

MSVOA_X

ClientSampleId :

PL-01-071318-A

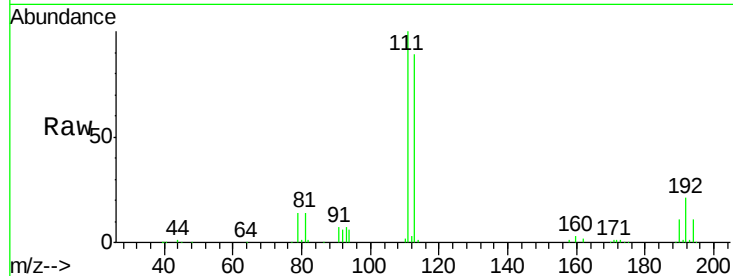
Tot Ion:113 Resp: 157817

Ion Ratio Lower Upper

113 100

111 105.3 81.4 122.0

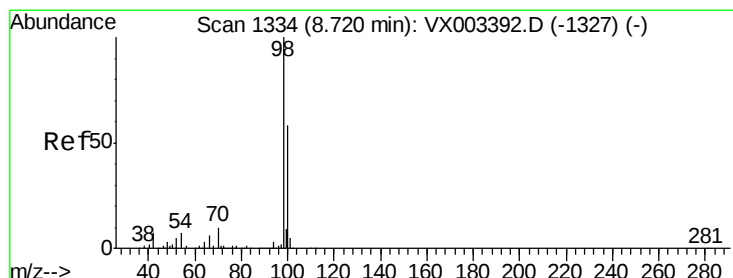
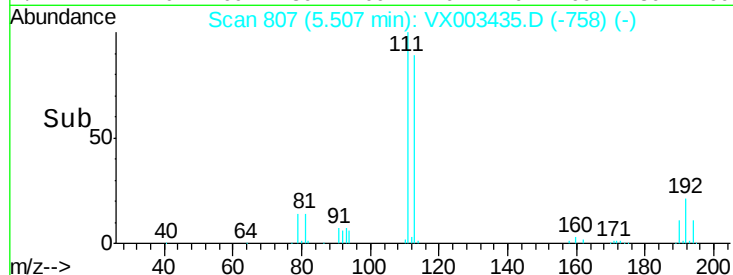
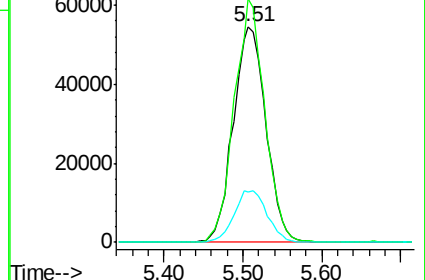
192 24.1 19.1 28.7



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



#50

Toluene-d8

Concen: 51.69 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003435.D

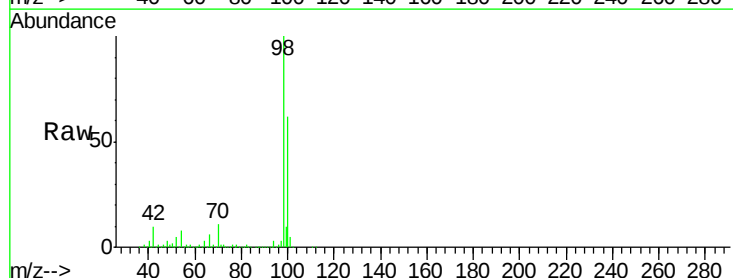
Acq: 17 Jul 2018 18:34

Tgt Ion: 98 Resp: 668340

Ion Ratio Lower Upper

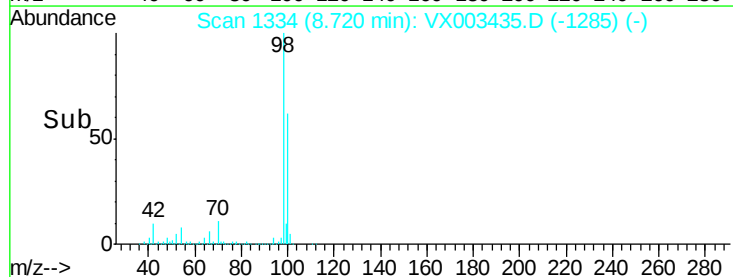
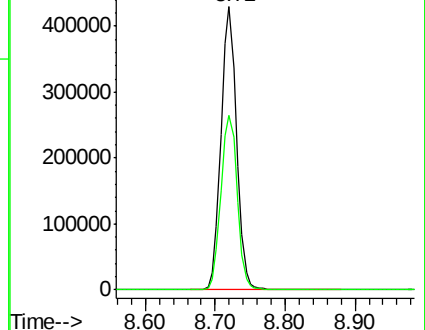
98 100

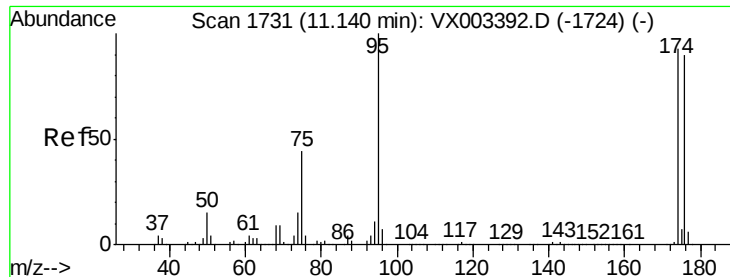
100 64.6 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

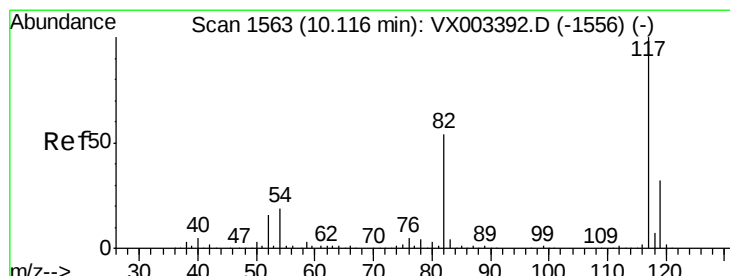
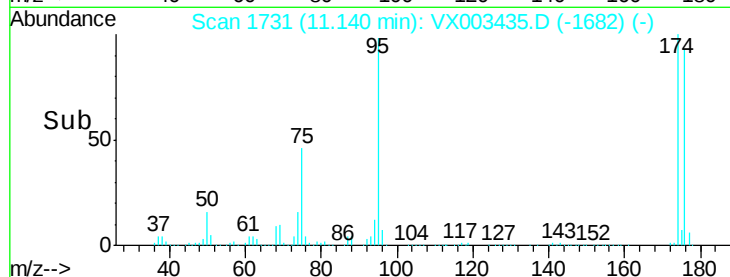
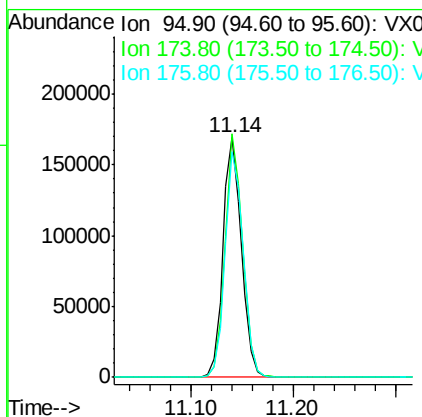
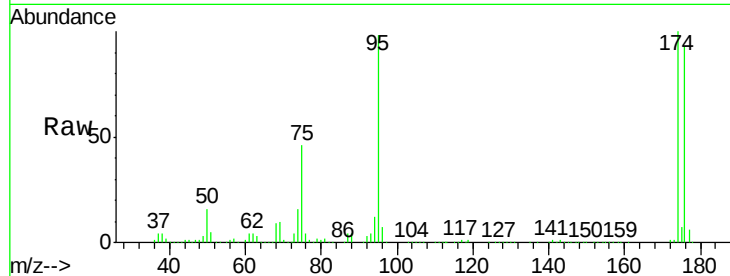




#62
4-Bromofluorobenzene
Concen: 46.04 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003435.D
Acq: 17 Jul 2018 18:34

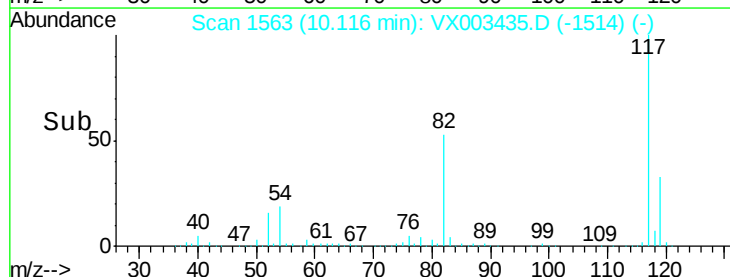
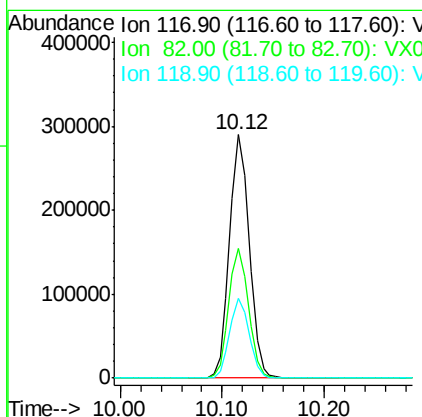
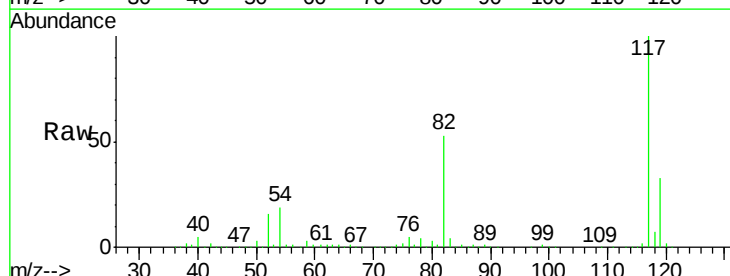
Instrument :
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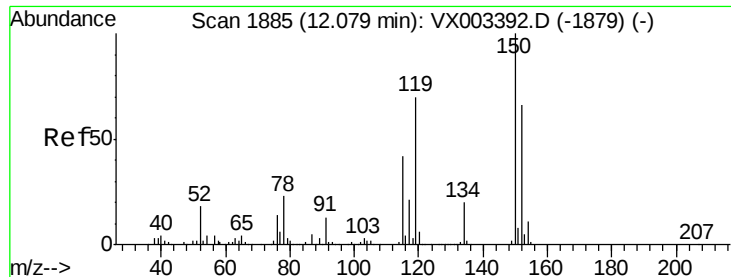
Tot Ion: 95 Resp: 212541
Ion Ratio Lower Upper
95 100
174 96.6 0.0 187.4
176 92.5 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003435.D
Acq: 17 Jul 2018 18:34

Tgt Ion: 117 Resp: 389089
Ion Ratio Lower Upper
117 100
82 53.4 45.0 67.4
119 32.8 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003435.D

Acq: 17 Jul 2018 18:34

Instrument :

MSVOA_X

ClientSampleId :

PL-01-071318-A

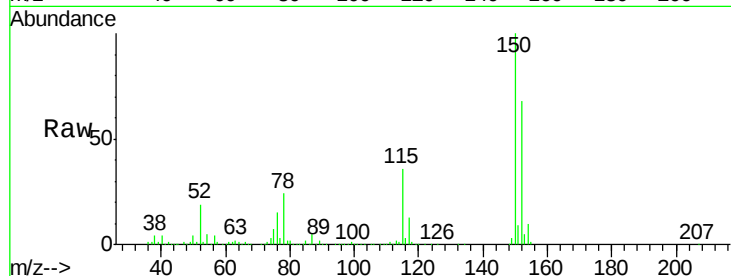
Tot Ion:152 Resp: 236055

Ion Ratio Lower Upper

152 100

115 56.2 40.1 120.2

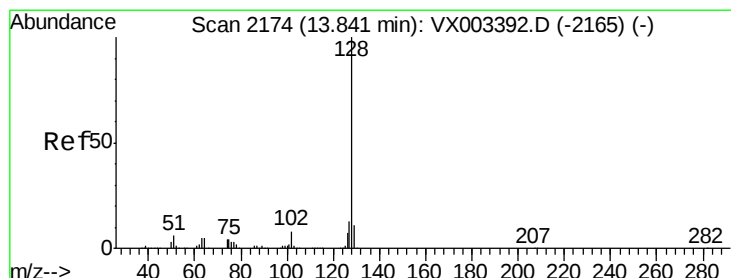
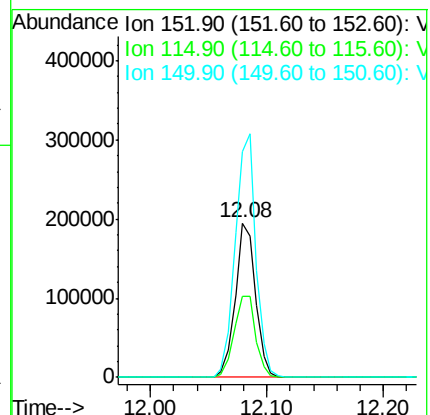
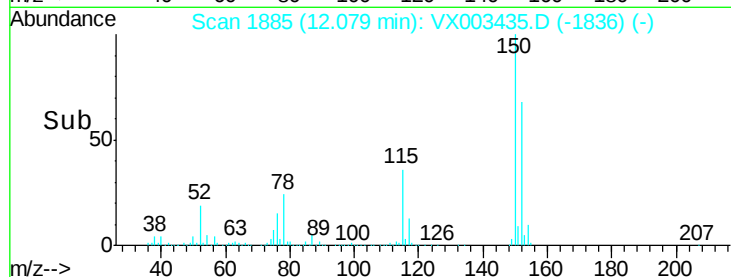
150 160.2 0.0 347.2



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: 14.08 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.01 min

Lab File: VX003435.D

Acq: 17 Jul 2018 18:34

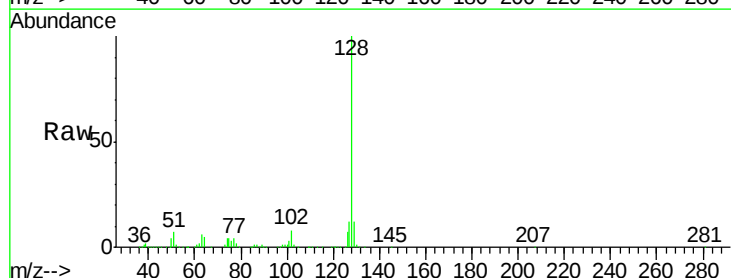
Tgt Ion:128 Resp: 217881

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 11.6 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

