

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090719\
 Data File : VU034333.D
 Acq On : 06 Sep 2019 16:11
 Operator : JC/SP
 Sample : K4689-02DL 100X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-2ADL

Quant Time: Sep 06 17:28:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 05:10:13 2019
 Response via : Initial Calibration

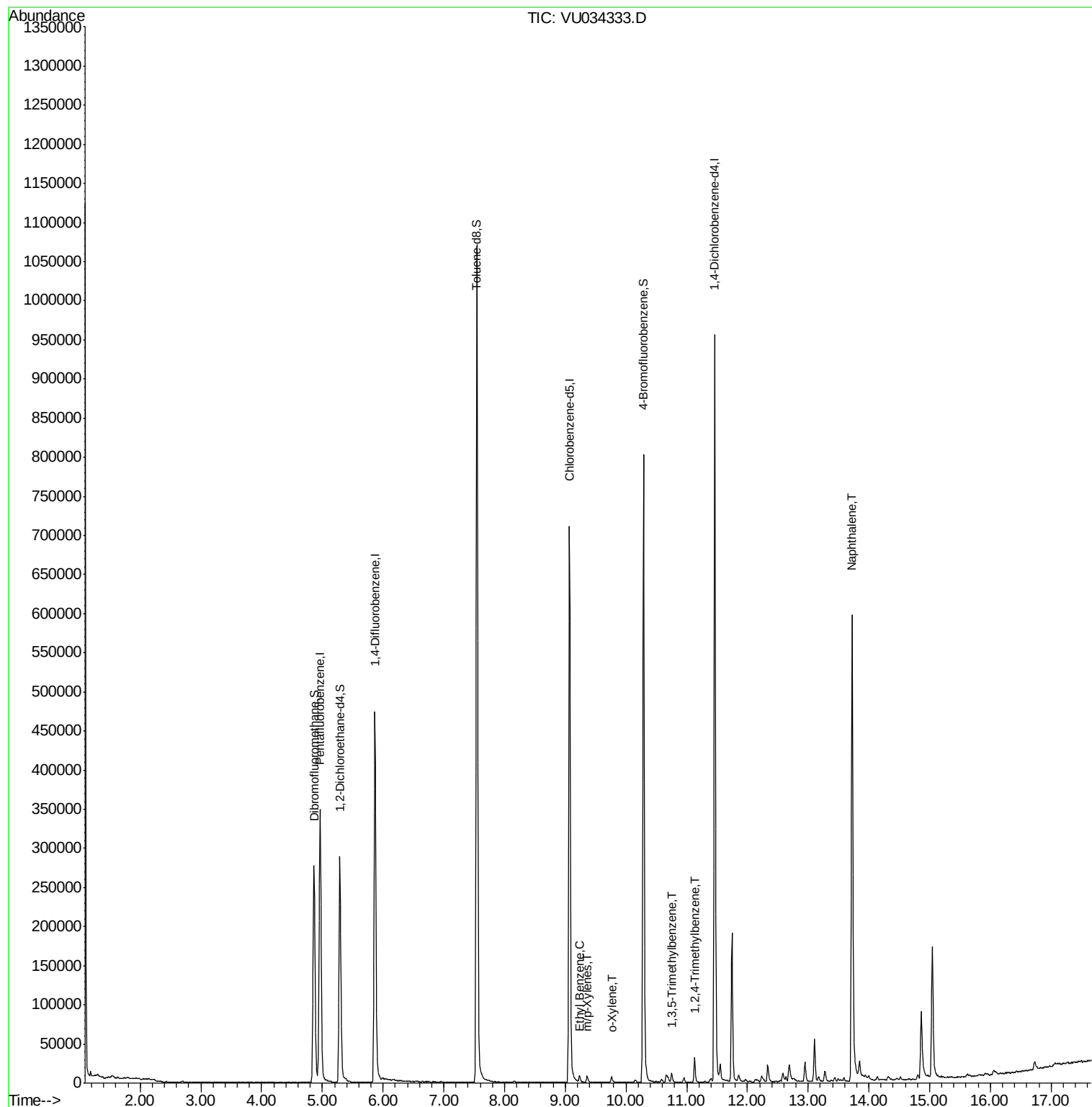
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	296763	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	434969	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	430520	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	270829	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	225846	50.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.60%	
35) Dibromofluoromethane	4.86	113	198667	49.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.18%	
50) Toluene-d8	7.55	98	762339	50.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.26%	
62) 4-Bromofluorobenzene	10.29	95	277924	47.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.68%	
Target Compounds						
67) Ethyl Benzene	9.23	91	6411	0.359	ug/l	97
68) m/p-Xylenes	9.36	106	2614	0.389	ug/l	86
69) o-Xylene	9.76	106	2216	0.337	ug/l	96
80) 1,3,5-Trimethylbenzene	10.76	105	7131	0.484	ug/l	99
84) 1,2,4-Trimethylbenzene	11.13	105	18085	1.219	ug/l	99
95) Naphthalene	13.73	128	544911	31.760	ug/l	99

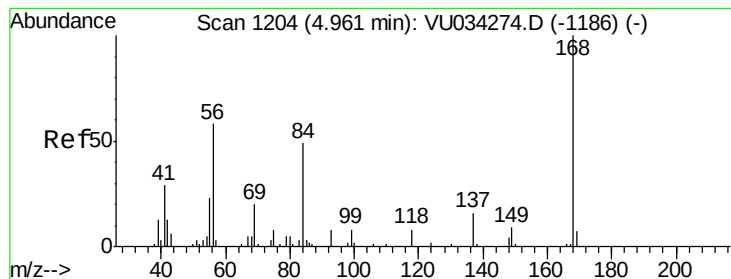
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Sep 06 05:10:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1205

Delta R.T. 0.00 min

Lab File: VU034333.D

Acq: 06 Sep 2019 16:11

Instrument :

MSVOA_U

ClientSampled :

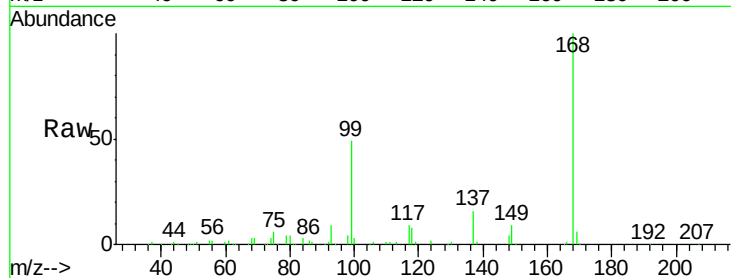
MW-2ADL

Tot Ion:168 Resp: 296763

Ion Ratio Lower Upper

168 100

99 49.4 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034274.D (-1186) (-)

Ion 98.90 (98.60 to 99.60): VU034274.D (-1186) (-)

4.96

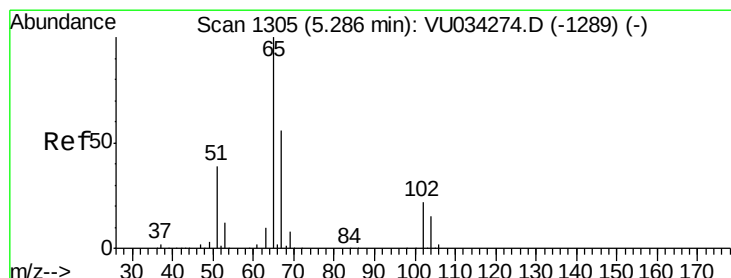
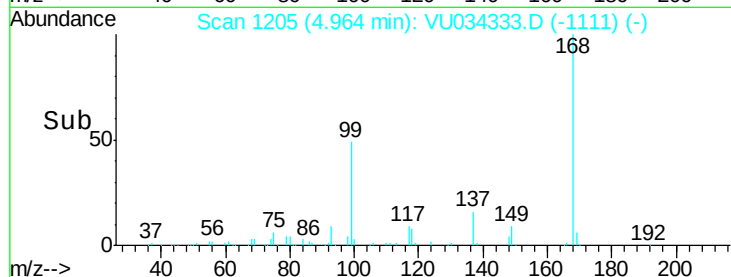
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.298 ug/l

RT: 5.29 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU034333.D

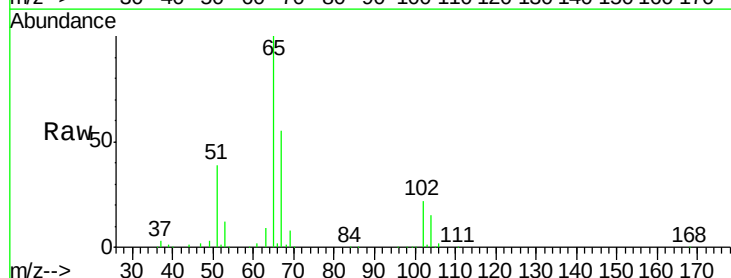
Acq: 06 Sep 2019 16:11

Tgt Ion: 65 Resp: 225846

Ion Ratio Lower Upper

65 100

67 55.1 0.0 112.4



Abundance Ion 64.90 (64.60 to 65.60): VU034274.D (-1289) (-)

Ion 66.90 (66.60 to 67.60): VU034274.D (-1289) (-)

5.29

120000

100000

80000

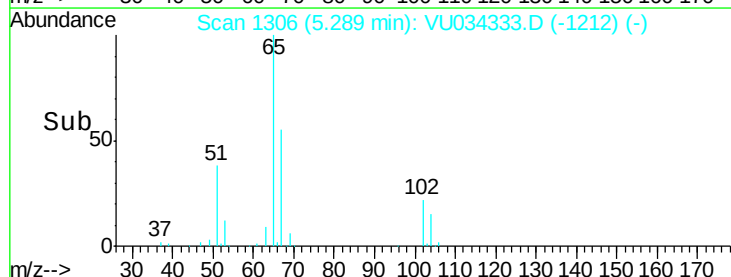
60000

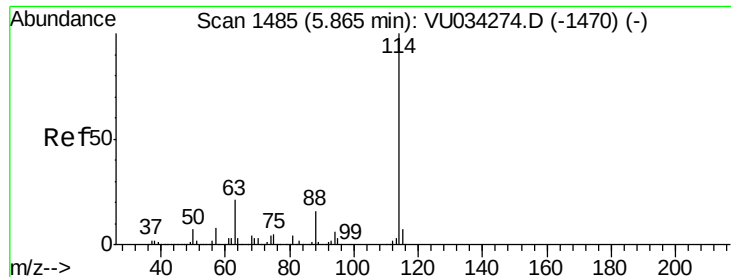
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.87 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VU034333.D

Acq: 06 Sep 2019 16:11

Instrument :

MSVOA_U

ClientSampleId :

MW-2ADL

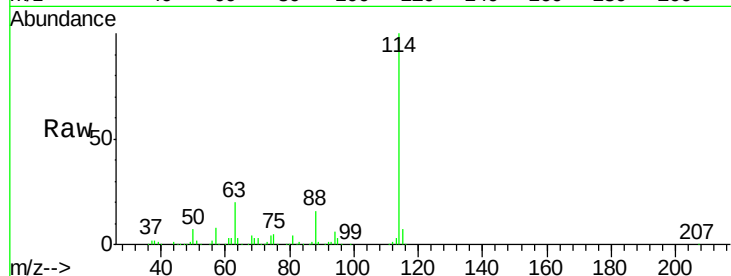
Tot Ion:114 Resp: 434969

Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.4

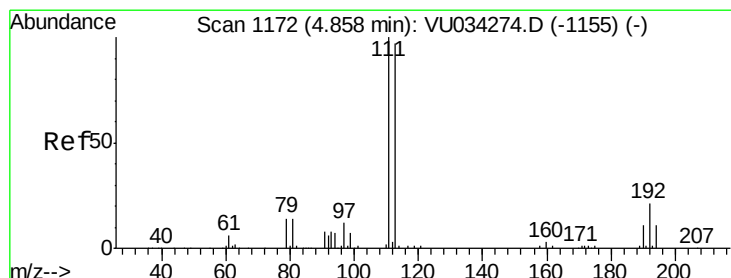
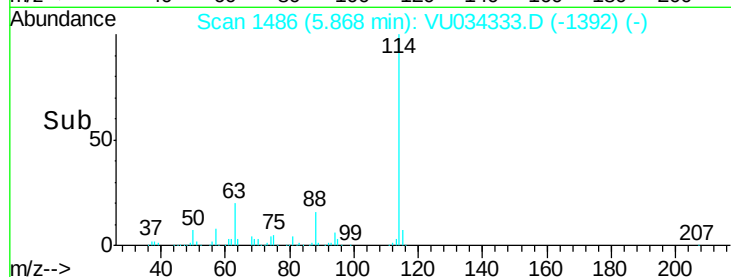
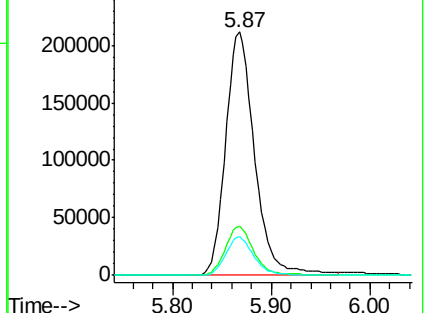
88 15.8 0.0 32.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0



#35

Dibromofluoromethane

Concen: 49.085 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034333.D

Acq: 06 Sep 2019 16:11

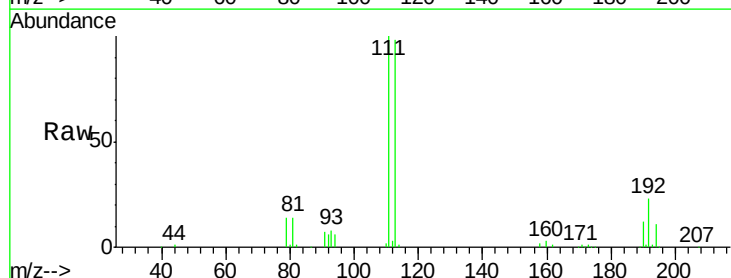
Tgt Ion:113 Resp: 198667

Ion Ratio Lower Upper

113 100

111 103.6 81.5 122.3

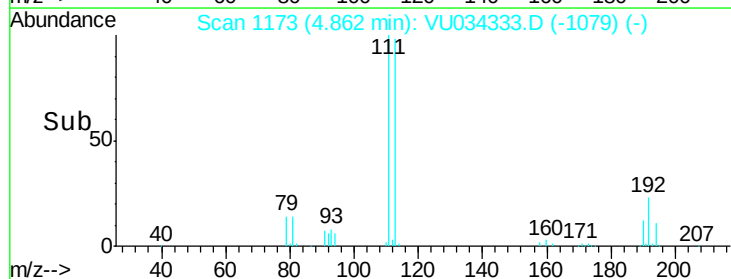
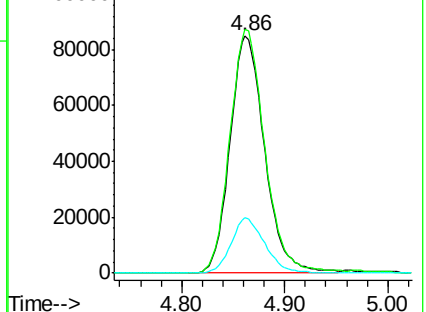
192 22.7 17.8 26.8

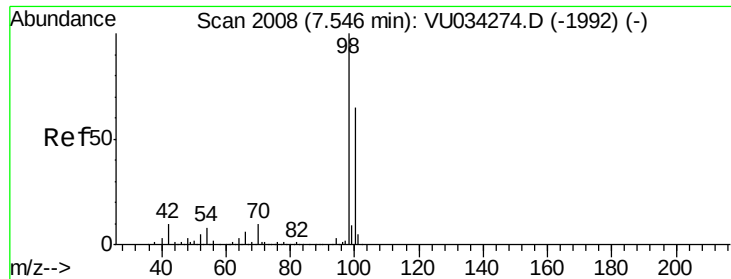


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

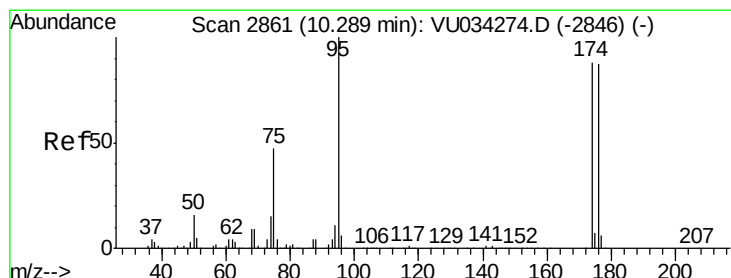
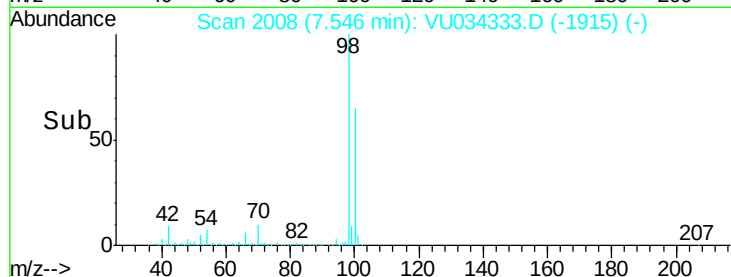
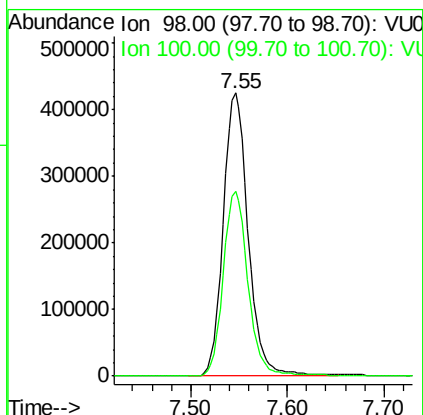
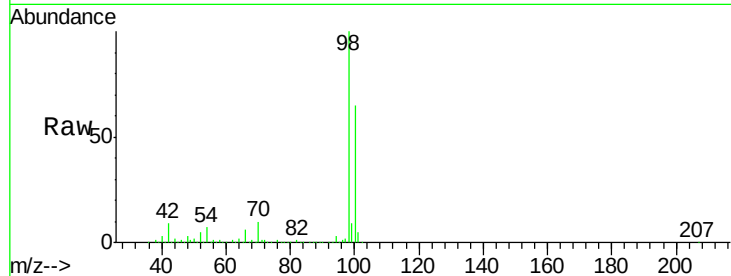




#50
Toluene-d8
Concen: 50.134 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. -0.00 min
Lab File: VU034333.D
Acq: 06 Sep 2019 16:11

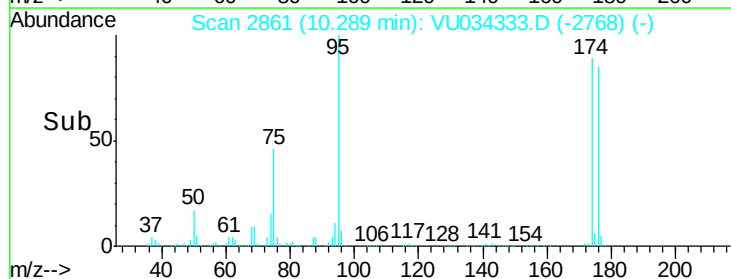
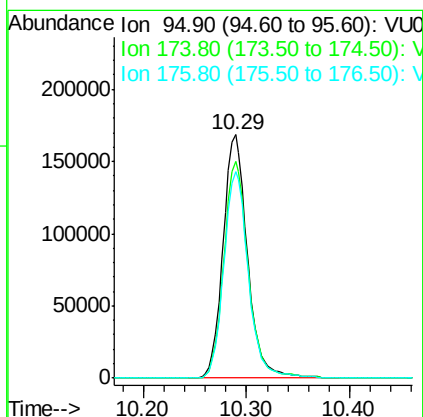
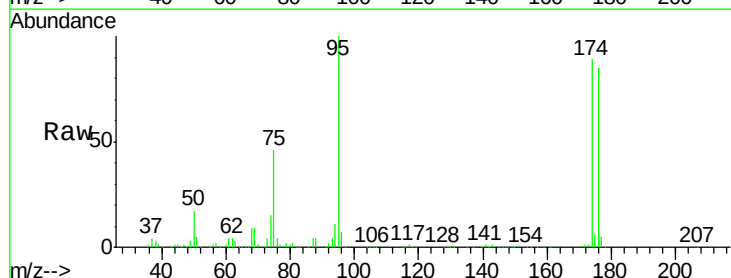
Instrument :
MSVOA_U
ClientSampleId :
MW-2ADL

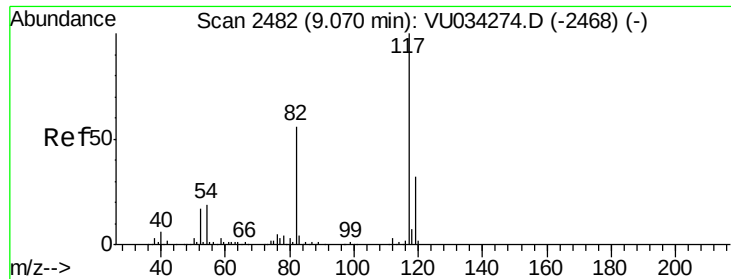
Tot Ion: 98 Resp: 762339
Ion Ratio Lower Upper
98 100
100 65.1 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 47.338 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. -0.00 min
Lab File: VU034333.D
Acq: 06 Sep 2019 16:11

Tgt Ion: 95 Resp: 277924
Ion Ratio Lower Upper
95 100
174 89.5 0.0 175.2
176 85.3 0.0 168.0

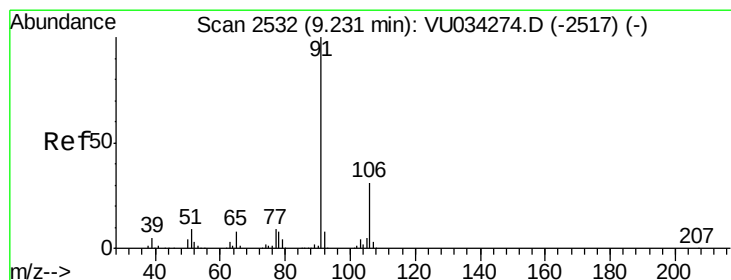
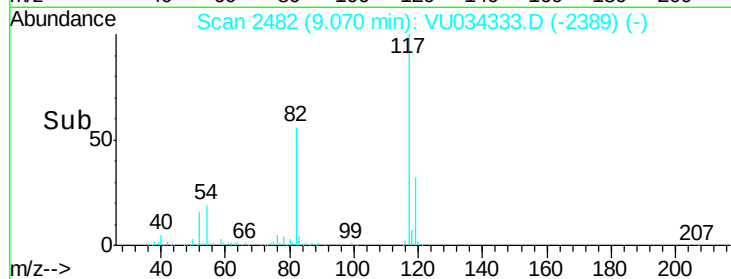
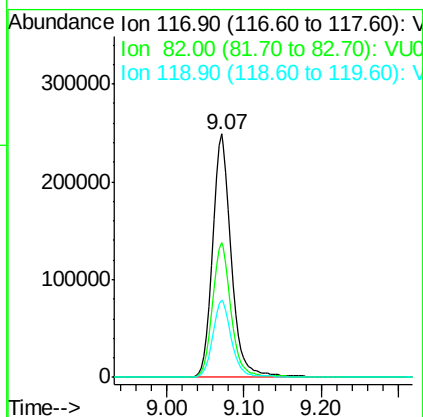
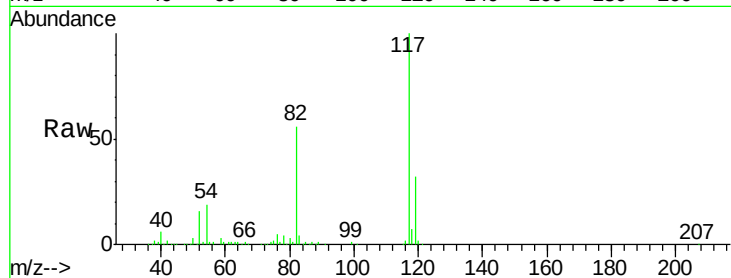




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. -0.00 min
Lab File: VU034333.D
Acq: 06 Sep 2019 16:11

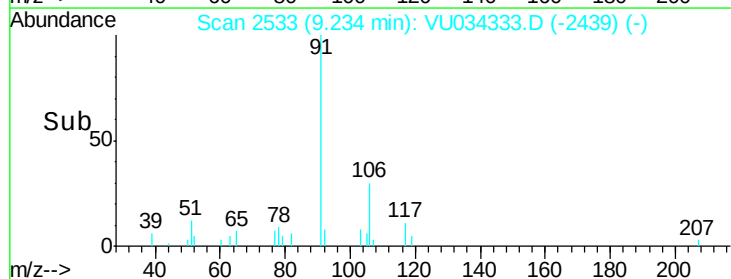
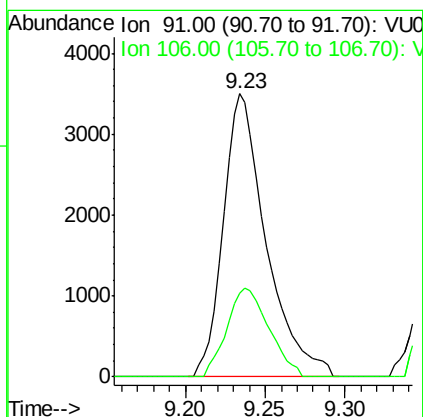
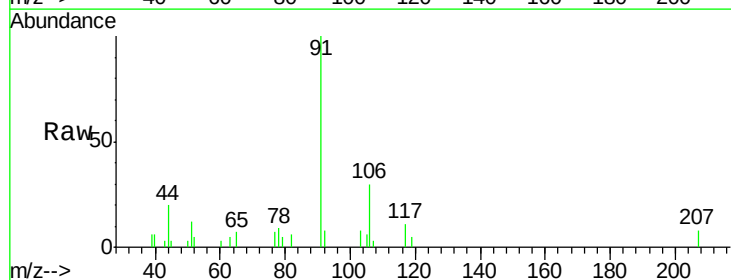
Instrument :
MSVOA_U
ClientSampleId :
MW-2ADL

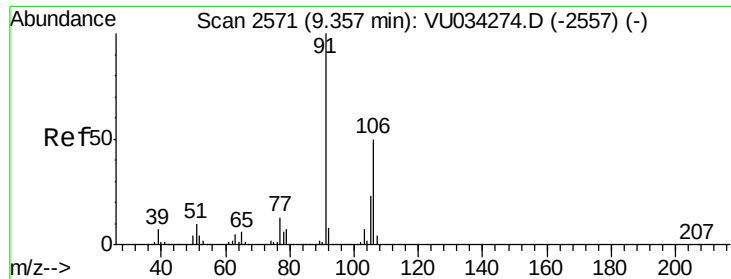
Tot Ion:117 Resp: 430520
Ion Ratio Lower Upper
117 100
82 55.6 44.6 67.0
119 31.7 25.9 38.9



#67
Ethyl Benzene
Concen: 0.359 ug/l
RT: 9.23 min Scan# 2533
Delta R.T. 0.00 min
Lab File: VU034333.D
Acq: 06 Sep 2019 16:11

Tgt Ion: 91 Resp: 6411
Ion Ratio Lower Upper
91 100
106 29.6 24.8 37.2

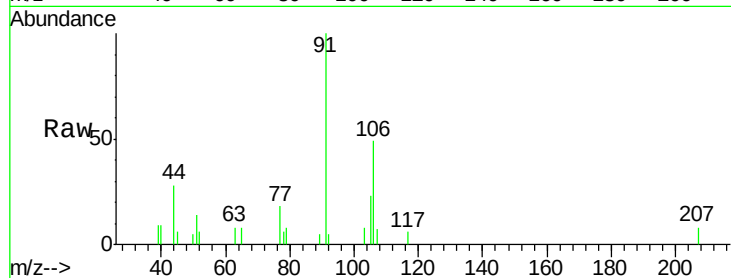




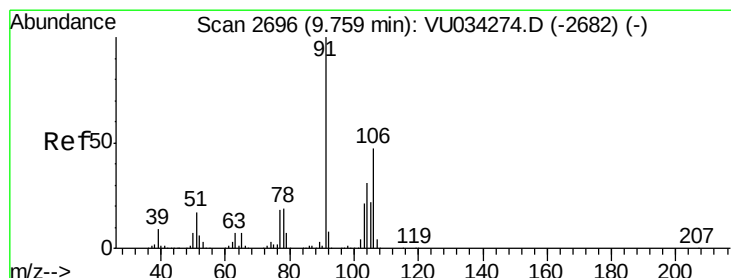
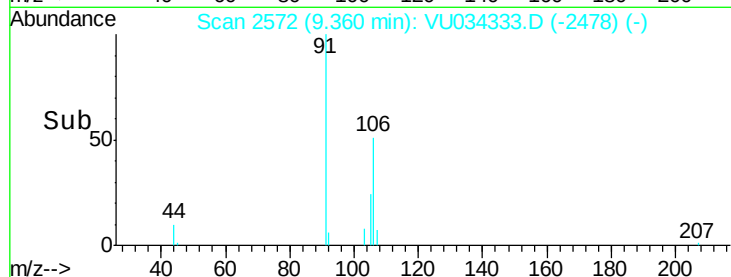
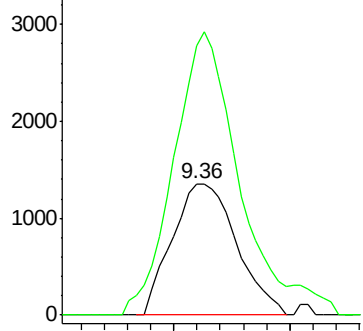
#68
m/p-Xylenes
Concen: 0.389 ug/l
RT: 9.36 min Scan# 2572
Delta R.T. 0.00 min
Lab File: VU034333.D
Acq: 06 Sep 2019 16:11

Instrument :
MSVOA_U
ClientSampleId :
MW-2ADL

Tot Ion:106 Resp: 2614
Ion Ratio Lower Upper
106 100
91 221.2 160.1 240.1

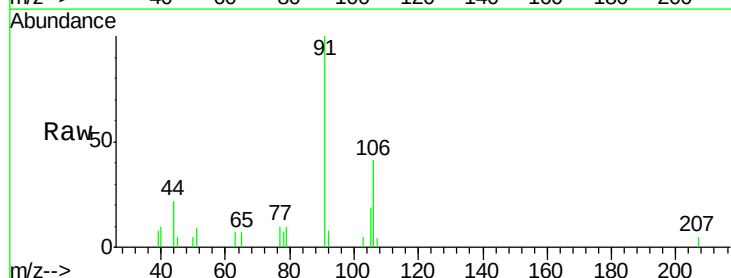


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

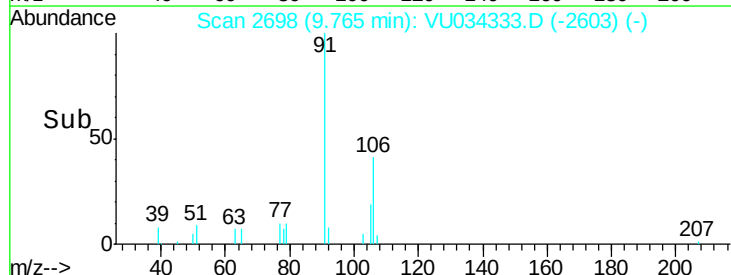
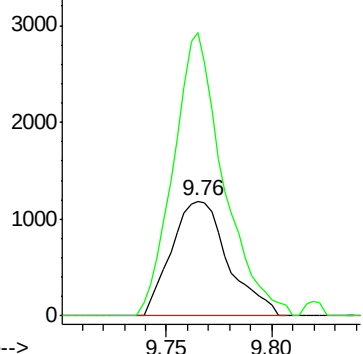


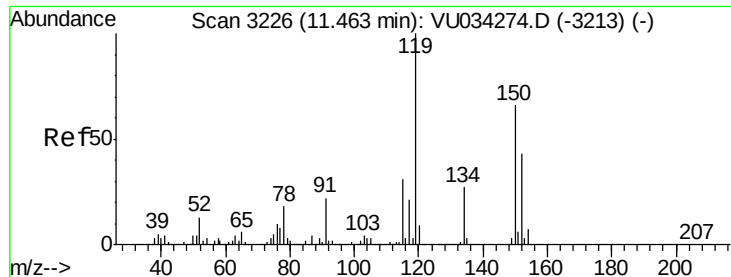
#69
o-Xylene
Concen: 0.337 ug/l
RT: 9.76 min Scan# 2698
Delta R.T. 0.01 min
Lab File: VU034333.D
Acq: 06 Sep 2019 16:11

Tgt Ion:106 Resp: 2216
Ion Ratio Lower Upper
106 100
91 217.1 105.1 315.3



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

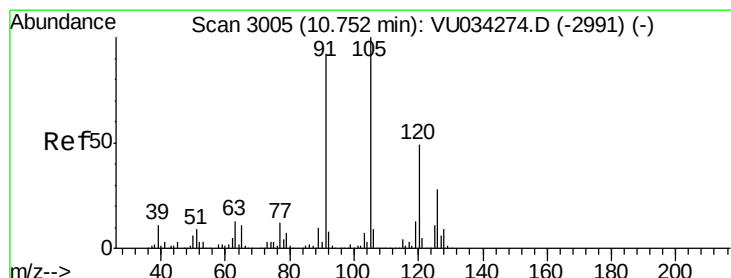
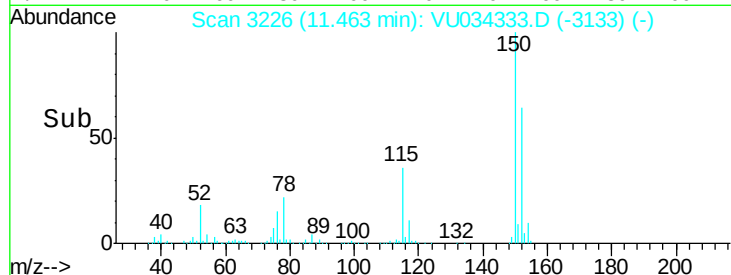
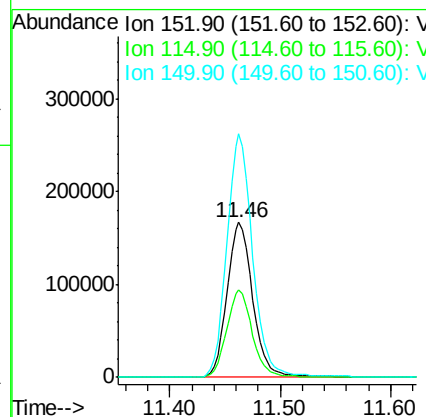
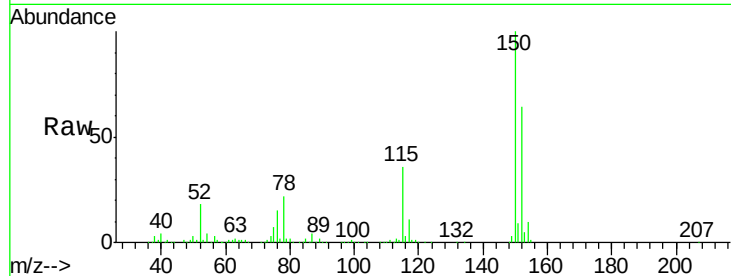




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.46 min Scan# 3226
 Delta R.T. -0.00 min
 Lab File: VU034333.D
 Acq: 06 Sep 2019 16:11

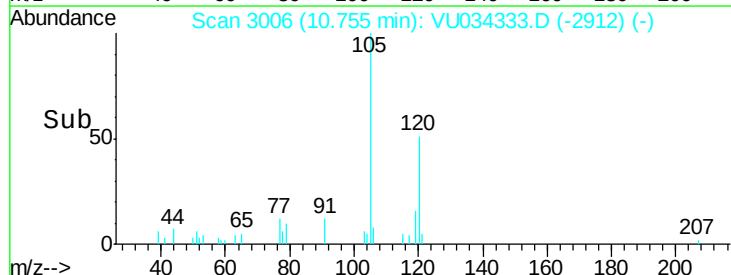
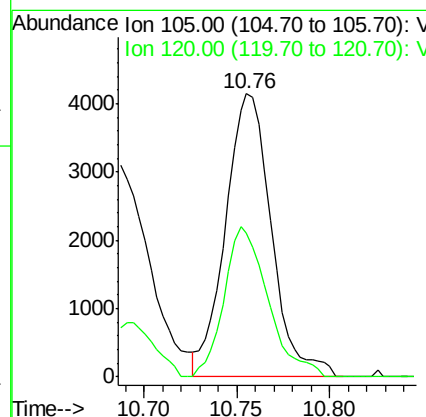
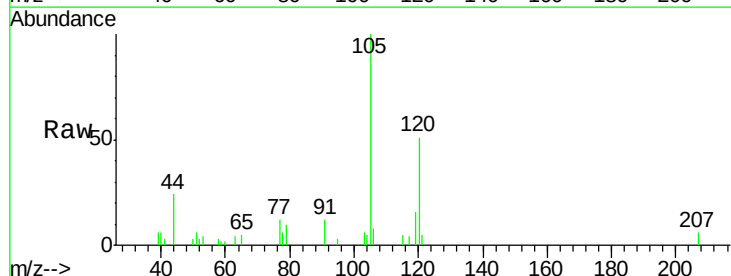
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-2ADL

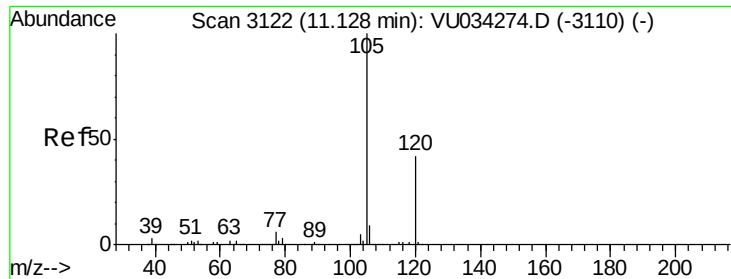
Tot Ion:152 Resp: 270829
 Ion Ratio Lower Upper
 152 100
 115 55.9 39.1 117.3
 150 157.5 0.0 345.4



#80
 1,3,5-Trimethylbenzene
 Concen: 0.484 ug/l
 RT: 10.76 min Scan# 3006
 Delta R.T. 0.00 min
 Lab File: VU034333.D
 Acq: 06 Sep 2019 16:11

Tgt Ion:105 Resp: 7131
 Ion Ratio Lower Upper
 105 100
 120 50.6 24.9 74.7





#84

1,2,4-Trimethylbenzene

Concen: 1.219 ug/l

RT: 11.13 min Scan# 3123

Delta R.T. 0.00 min

Lab File: VU034333.D

Acq: 06 Sep 2019 16:11

Instrument :

MSVOA_U

ClientSampleId :

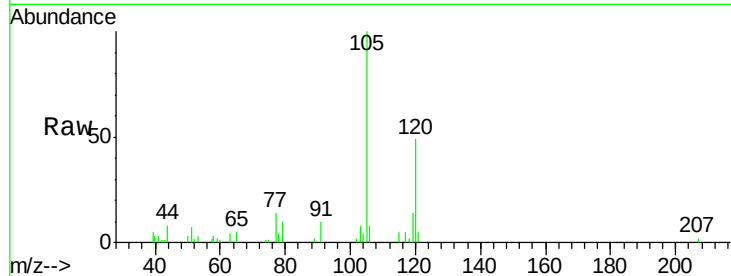
MW-2ADL

Tot Ion:105 Resp: 18085

Ion Ratio Lower Upper

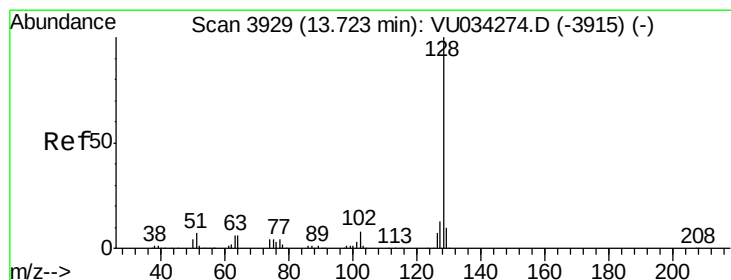
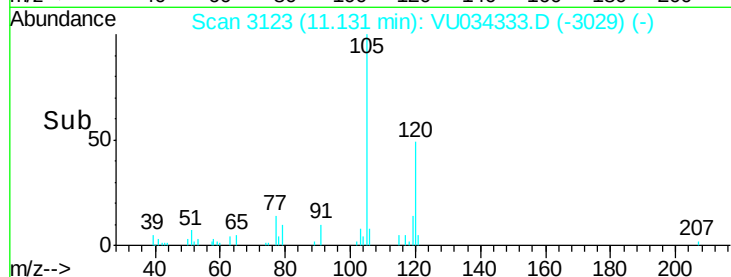
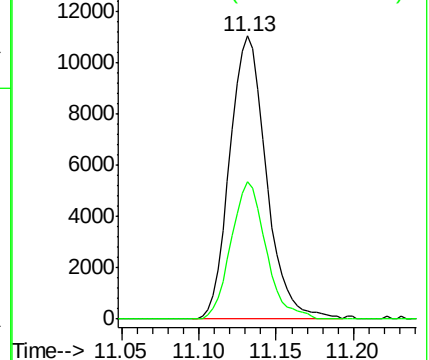
105 100

120 46.3 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 31.760 ug/l

RT: 13.73 min Scan# 3930

Delta R.T. 0.00 min

Lab File: VU034333.D

Acq: 06 Sep 2019 16:11

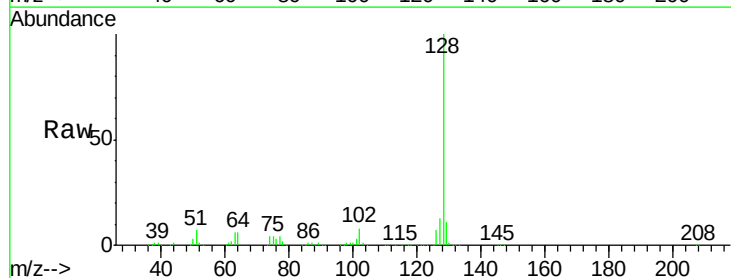
Tgt Ion:128 Resp: 544911

Ion Ratio Lower Upper

128 100

127 12.7 10.6 15.8

129 10.8 8.4 12.6



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

