

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U071918\
 Data File : VU025516.D
 Acq On : 19 Jul 2018 12:33
 Operator : MD/SY
 Sample : J3984-16DLRE 5X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB1A5DLRE

Quant Time: Jul 20 02:53:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 20 02:44:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	304619	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	273852	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	126889	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	92229	64.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	128.40%
7) Chloroethane-d5	1.69	69	86767	70.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	141.80%#
11) 1,1-Dichloroethene-d2	2.28	63	159813	50.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.32%
21) 2-Butanone-d5	4.18	46	203895	133.39	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	133.39%#
24) Chloroform-d	4.65	84	264068	70.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	141.72%#
26) 1,2-Dichloroethane-d4	5.31	65	182801	72.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	144.16%#
32) Benzene-d6	5.35	84	492362	74.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	148.80%#
36) 1,2-Dichloropropane-d6	6.34	67	168288	76.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	153.58%#
41) Toluene-d8	7.57	98	458060	71.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	143.02%#
43) trans-1,3-Dichloropropene-	7.85	79	81039	71.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	142.06%#
47) 2-Hexanone-d5	8.31	63	147388	129.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	129.72%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	233650	71.81	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	143.62%#
64) 1,2-Dichlorobenzene-d4	11.86	152	192032	75.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	151.04%#

Target Compounds

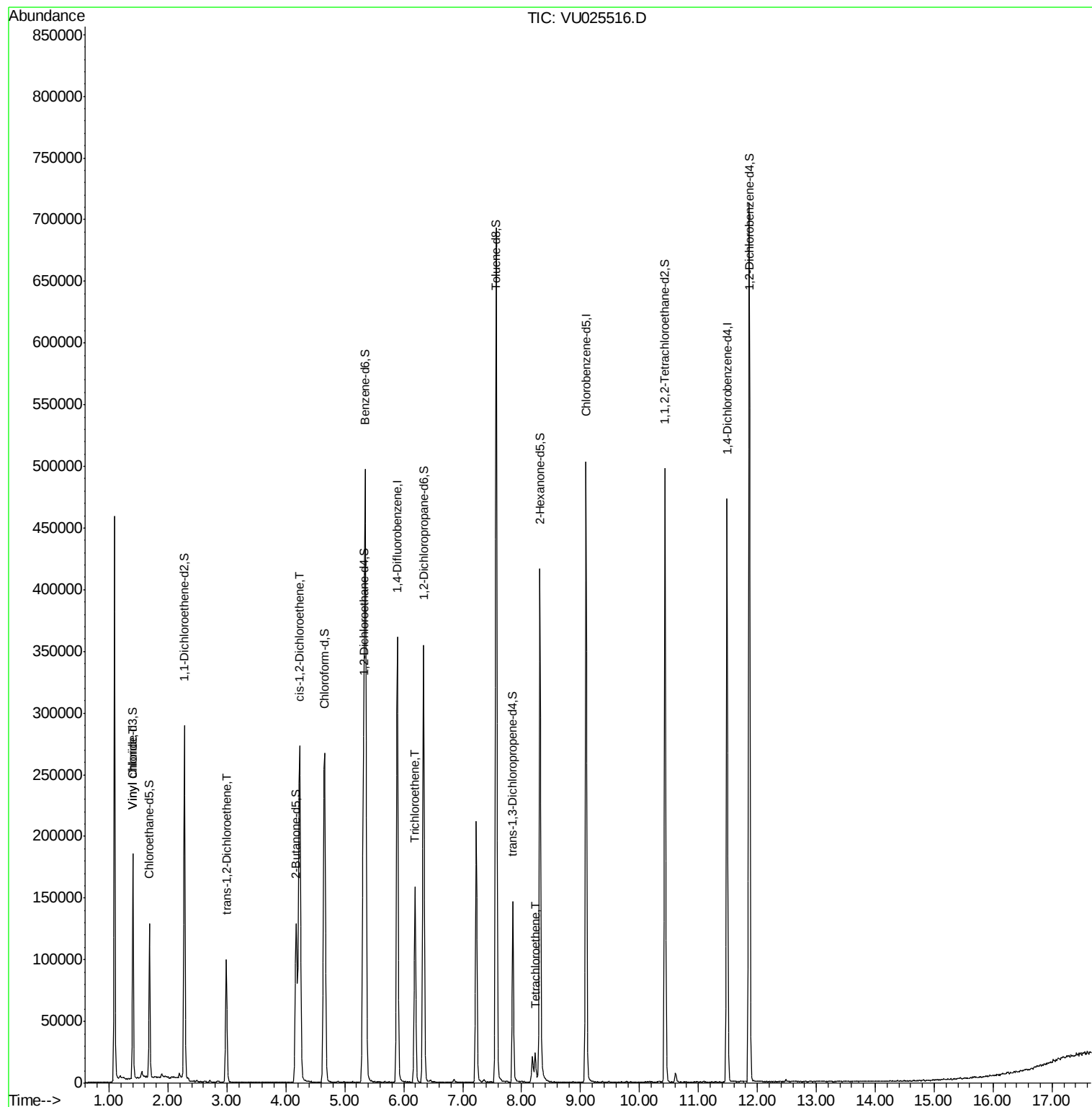
					Ovalue
5) Vinyl chloride	1.41	62	28819	12.92	ug/L 89
17) trans-1,2-Dichloroethene	2.99	96	38375	19.65	ug/L 97
20) cis-1,2-Dichloroethene	4.23	96	153097	64.03	ug/L 97
34) Trichloroethene	6.19	95	53183	24.80	ug/L 97
46) Tetrachloroethene	8.23	164	4317	2.41	ug/L 97

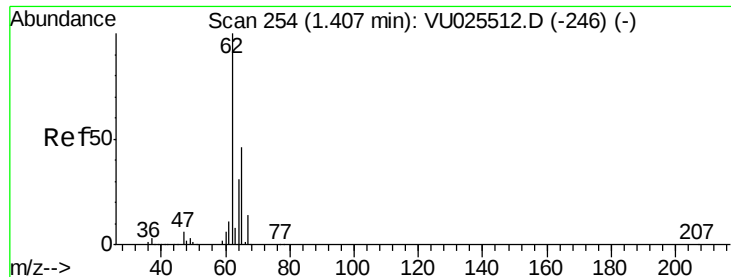
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 20 02:44:53 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 12.92 ug/L

RT: 1.41 min Scan# 254

Delta R.T. 0.00 min

Lab File: VU025516.D

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Instrument :

MSVOA_U

ClientSampled :

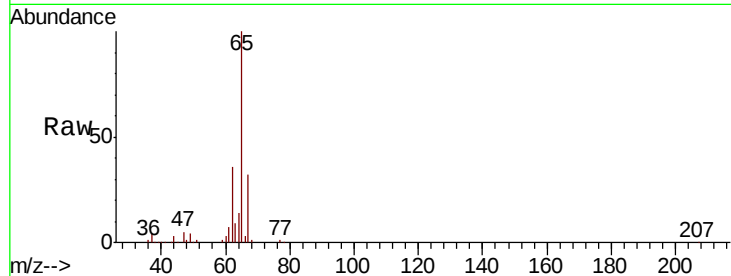
DB1A5DLRE

Tot Ion: 62 Resp: 28819

Ion Ratio Lower Upper

62 100

64 38.7 22.7 42.1



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0

1.41

30000

25000

20000

15000

10000

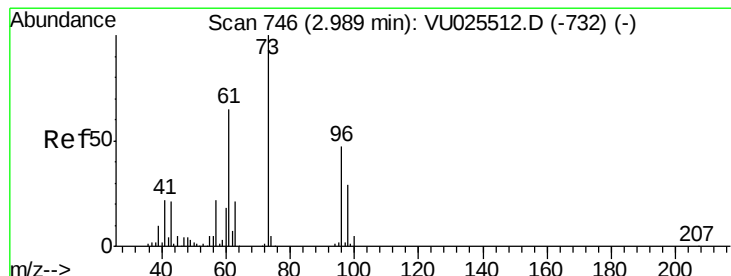
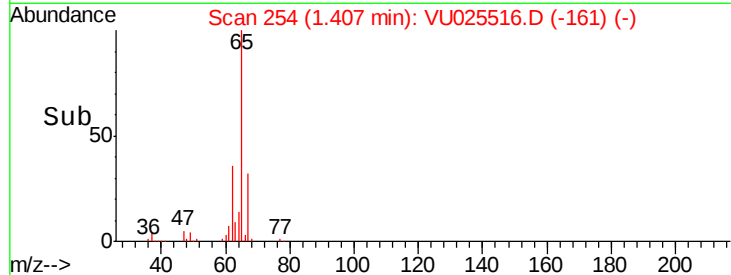
5000

0

Time-->

1.40

1.45



#17

trans-1,2-Dichloroethene

Concen: 19.65 ug/L

RT: 2.99 min Scan# 746

Delta R.T. 0.00 min

Lab File: VU025516.D

Acq: 19 Jul 2018 12:33

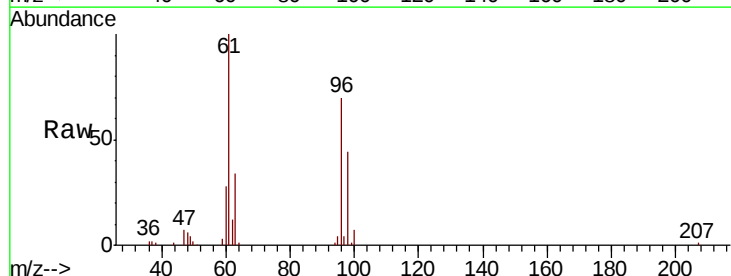
Tgt Ion: 96 Resp: 38375

Ion Ratio Lower Upper

96 100

61 143.5 103.6 192.4

98 62.7 44.8 83.2



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

40000

30000

20000

10000

0

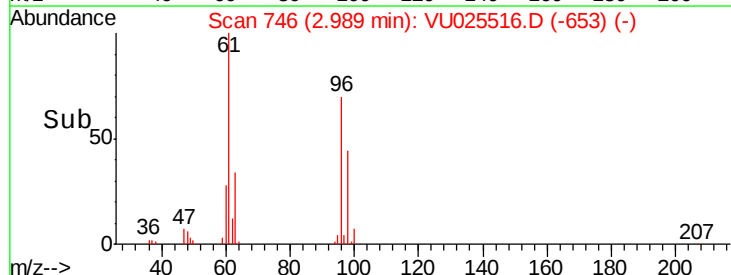
Time-->

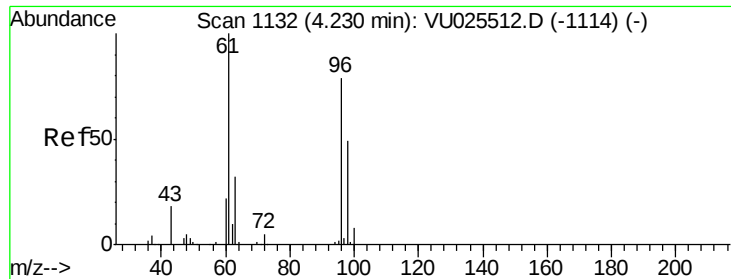
2.90

2.95

3.00

3.05





#20

cis-1,2-Dichloroethene

Concen: 64.03 ug/L

RT: 4.23 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VU025516.D

Acq: 19 Jul 2018 12:33

Instrument :

MSVOA_U

ClientSampleId :

DB1A5DLRE

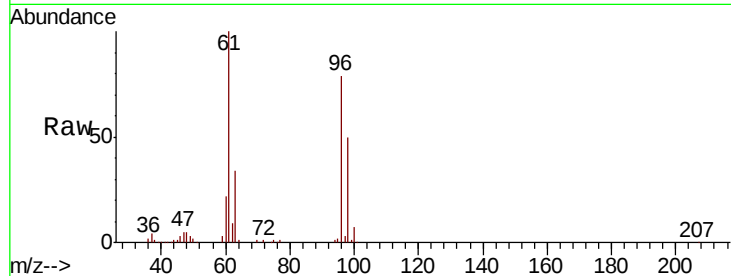
Tot Ion: 96 Resp: 153097

Ion Ratio Lower Upper

96 100

61 127.3 91.7 170.3

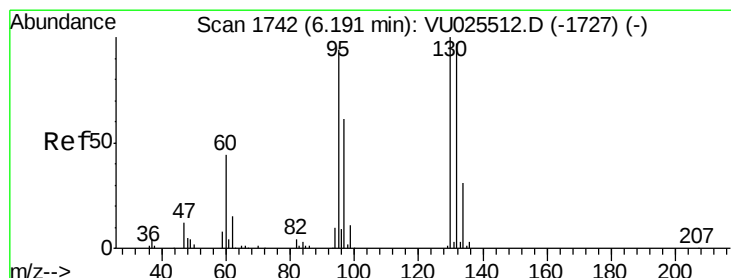
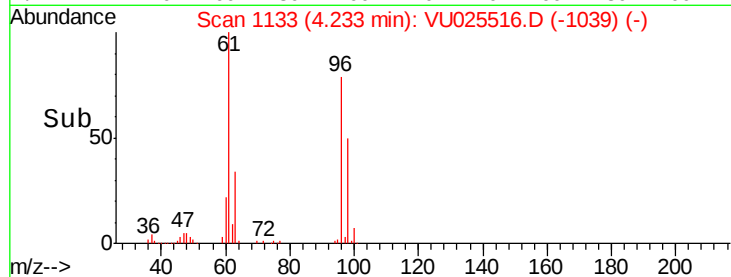
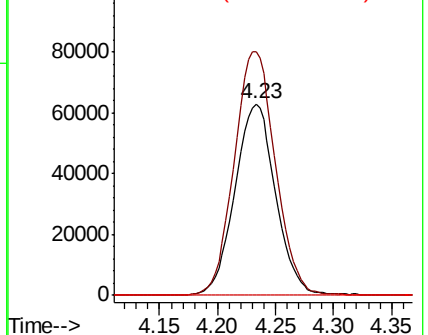
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU025512.D (-1114) (-)

Ion 61.00 (60.70 to 61.70): VU025512.D (-1114) (-)

Ion 68.00 (67.70 to 68.70): VU025512.D (-1114) (-)



#34

Trichloroethene

Concen: 24.80 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU025516.D

Acq: 19 Jul 2018 12:33

Tgt Ion: 95 Resp: 53183

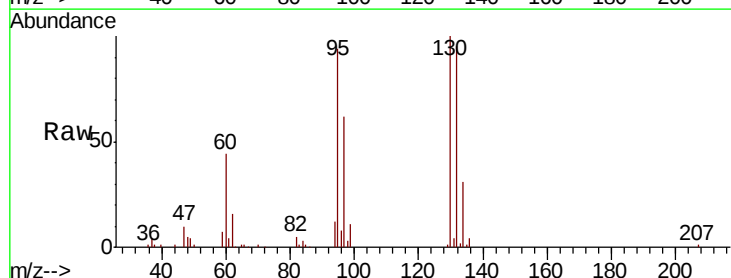
Ion Ratio Lower Upper

95 100

97 65.9 45.9 85.3

132 101.7 68.2 126.6

130 106.9 71.8 133.4

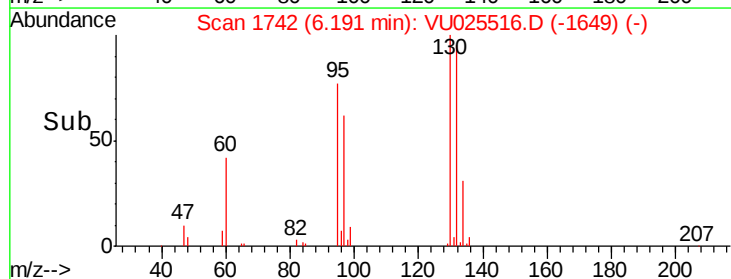
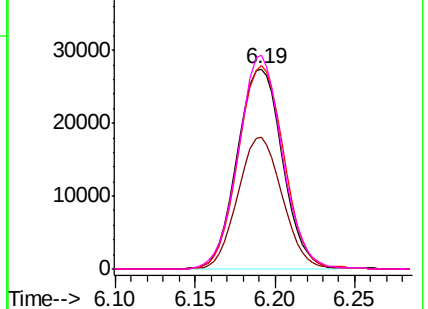


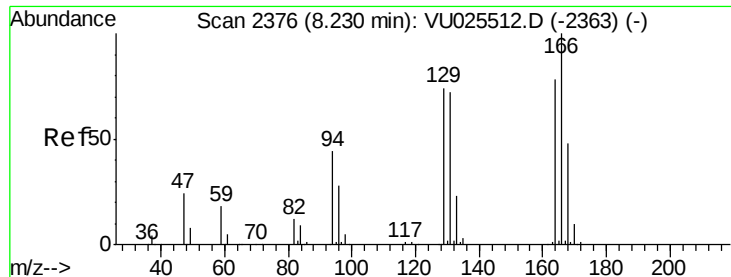
Abundance Ion 95.00 (94.70 to 95.70): VU025512.D (-1727) (-)

Ion 97.00 (96.70 to 97.70): VU025512.D (-1727) (-)

Ion 132.00 (131.70 to 132.70): VU025512.D (-1727) (-)

Ion 130.00 (129.70 to 130.70): VU025512.D (-1727) (-)





#46

Tetrachloroethene

Concen: 2.41 ug/L

RT: 8.23 min Scan# 2377

Delta R.T. 0.00 min

Lab File: VU025516.D

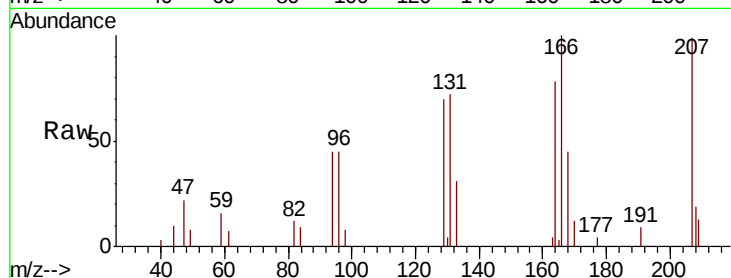
Acq: 19 Jul 2018 12:33

Instrument :

MSVOA_U

ClientSampleId :

DB1A5DLRE



Tot Ion:164 Resp: 4317

Ion Ratio Lower Upper

164 100

129 89.3 66.5 123.5

131 92.8 63.7 118.3

166 128.4 90.8 168.6

Abundance

Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

8.23

Time-->

