

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041919\
 Data File : VU031342.D
 Acq On : 19 Apr 2019 07:16
 Operator : JC/SP
 Sample : K2451-18
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAMY8

Quant Time: Apr 19 08:47:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 19 07:47:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	231025	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	228999	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	80739	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	88757	3.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.20%
7) Chloroethane-d5	1.68	69	75471	3.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.80%
11) 1,1-Dichloroethene-d2	2.27	63	135115	2.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.80%#
20) 2-Butanone-d5	4.20	46	275637	55.36	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.72%
24) Chloroform-d	4.64	84	165900	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
26) 1,2-Dichloroethane-d4	5.31	65	93255	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.00%
32) Benzene-d6	5.33	84	304870	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.33	67	110543	5.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.40%
41) Toluene-d8	7.56	98	244728	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
43) trans-1,3-Dichloropropene-	7.85	79	33328	4.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.00%
46) 2-Hexanone-d5	8.31	63	177822	47.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.76%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	86882	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	86791	5.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.20%

Target Compounds

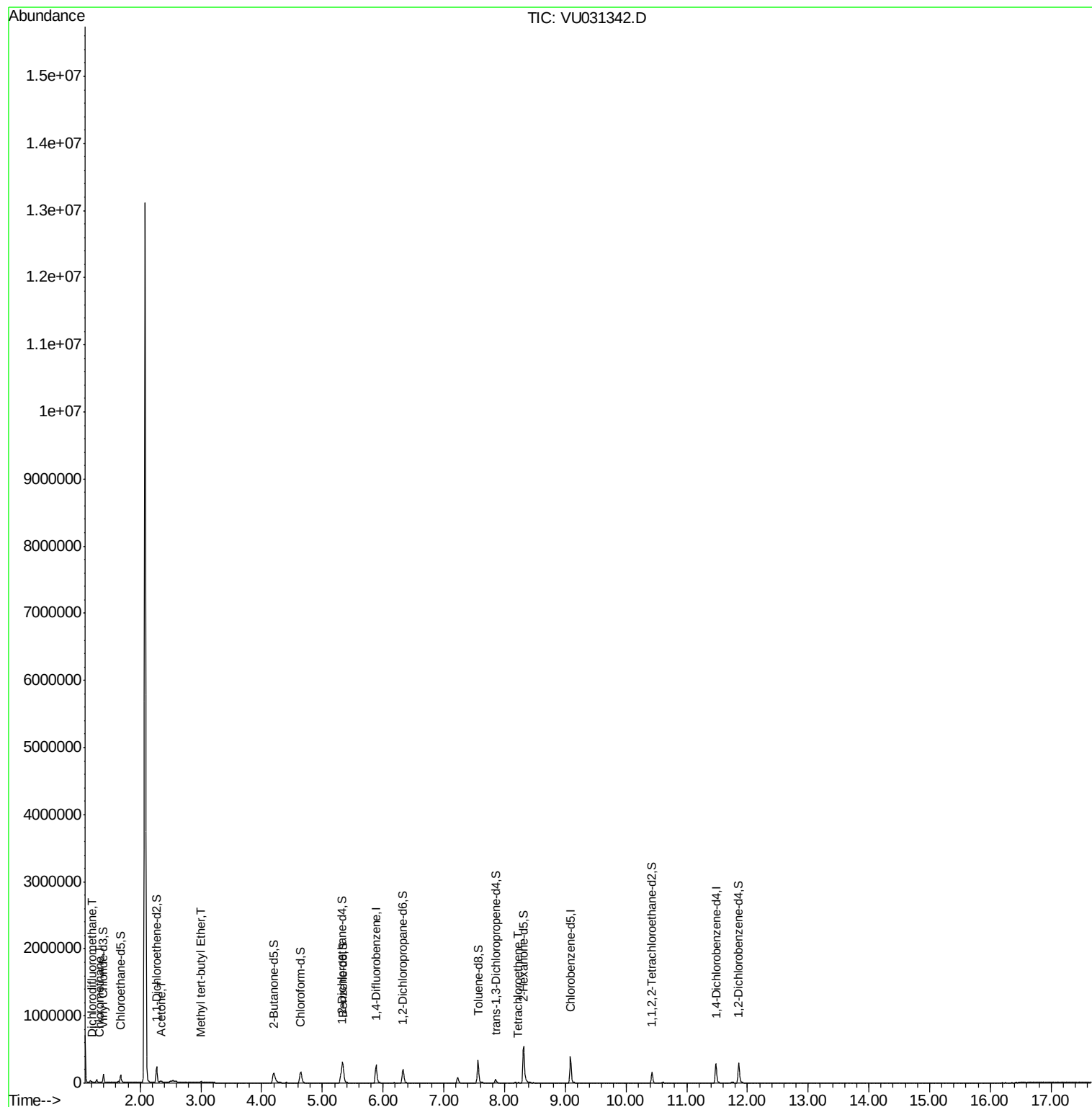
					Ovalue
2) Dichlorodifluoromethane	1.20	85	6787	0.255 ug/L	93
3) Chloromethane	1.32	50	5514	0.153 ug/L	99
13) Acetone	2.34	43	27308	4.930 ug/L	98
17) Methyl tert-butyl Ether	3.00	73	12839	0.193 ug/L #	90
47) Tetrachloroethene	8.23	164	2025	0.129 ug/L	91

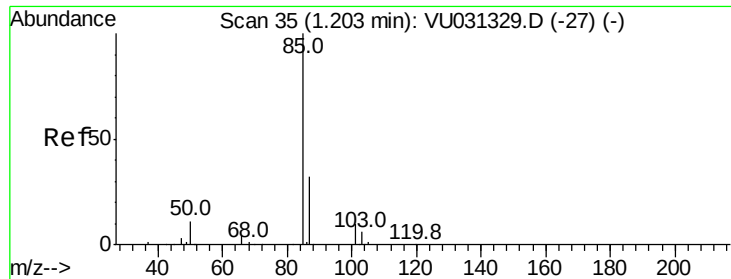
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 0.255 ug/L

RT: 1.20 min Scan# 35

Delta R.T. 0.00 min

Lab File: VU031342.D

Acq: 19 Apr 2019 07:16

Instrument :

MSVOA_U

ClientSampleId :

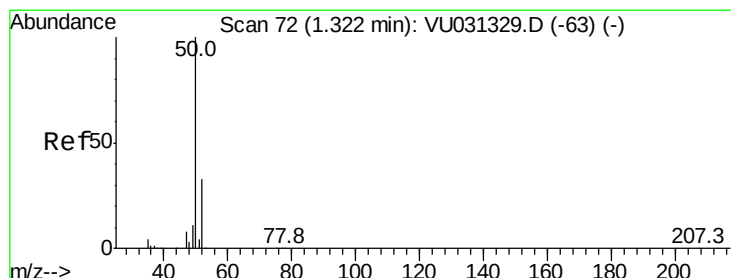
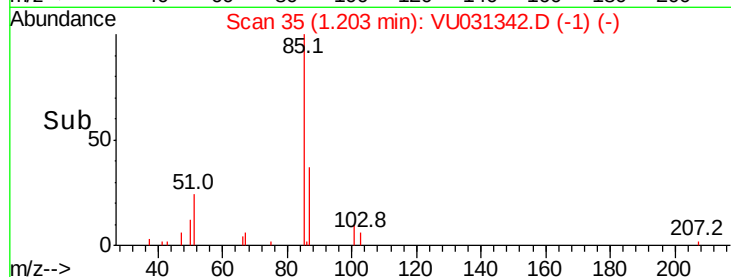
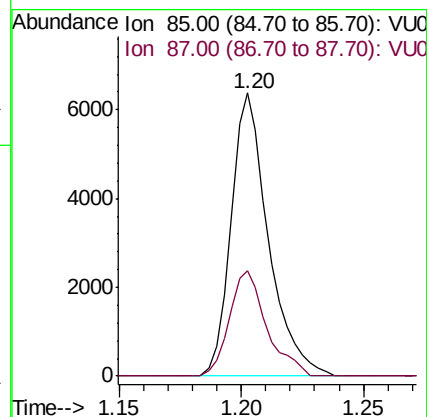
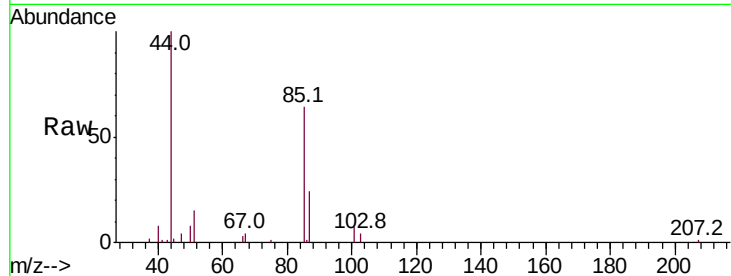
YAMY8

Tot Ion: 85 Resp: 6787

Ion Ratio Lower Upper

85 100

87 37.4 26.8 40.2



#3

Chloromethane

Concen: 0.153 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VU031342.D

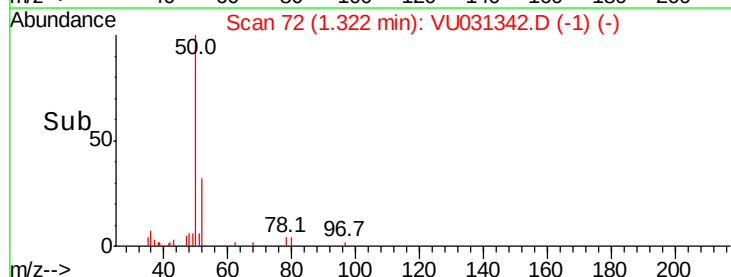
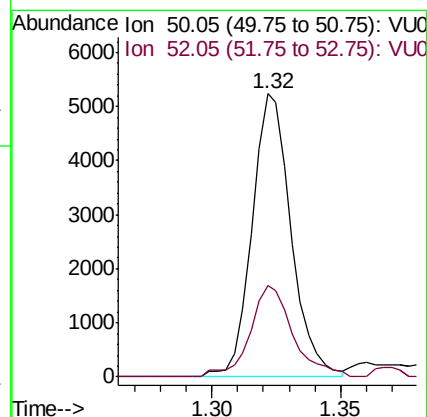
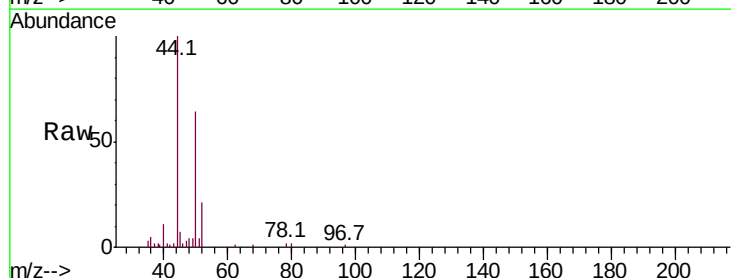
Acq: 19 Apr 2019 07:16

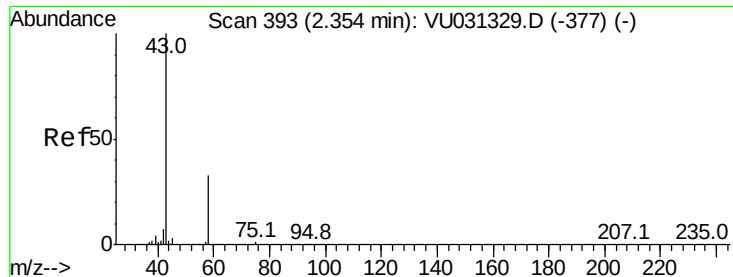
Tgt Ion: 50 Resp: 5514

Ion Ratio Lower Upper

50 100

52 32.4 23.2 43.2





#13

Acetone

Concen: 4.930 ug/L

RT: 2.34 min Scan# 389

Delta R.T. -0.01 min

Lab File: VU031342.D

Acq: 19 Apr 2019 07:16

Instrument :

MSVOA_U

ClientSampled :

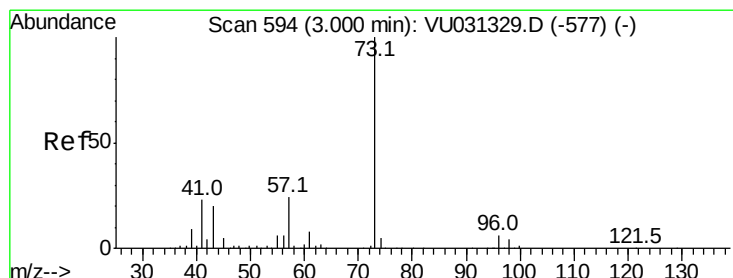
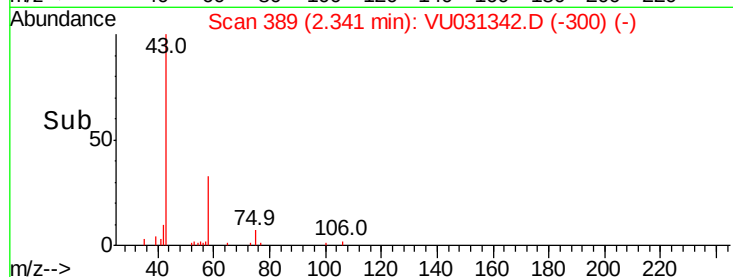
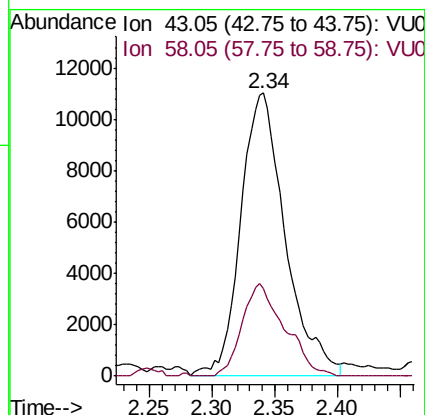
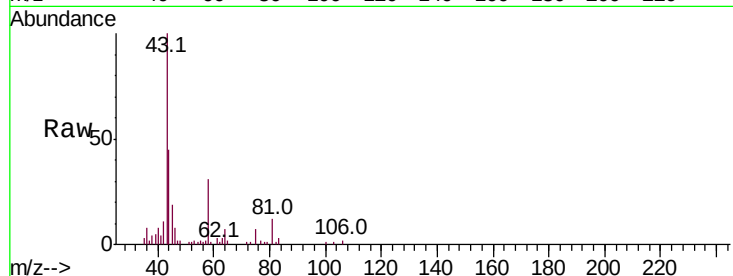
YAMY8

Tot Ion: 43 Resp: 27308

Ion Ratio Lower Upper

43 100

58 31.2 0.0 64.4



#17

Methyl tert-butyl Ether

Concen: 0.193 ug/L

RT: 3.00 min Scan# 593

Delta R.T. -0.00 min

Lab File: VU031342.D

Acq: 19 Apr 2019 07:16

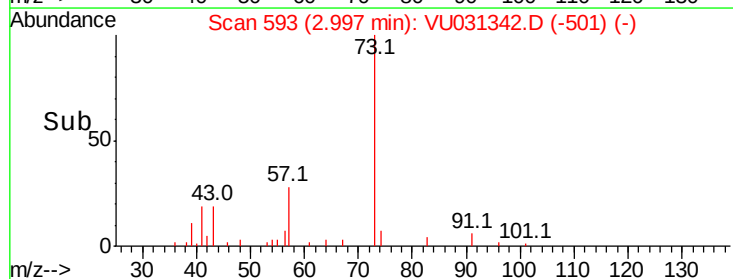
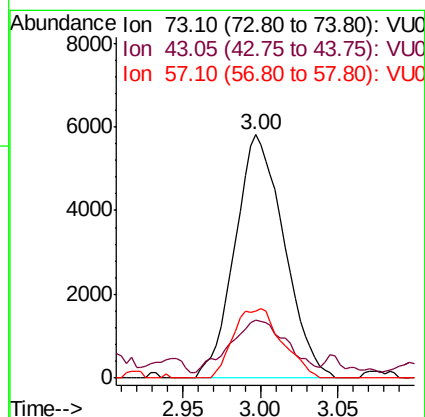
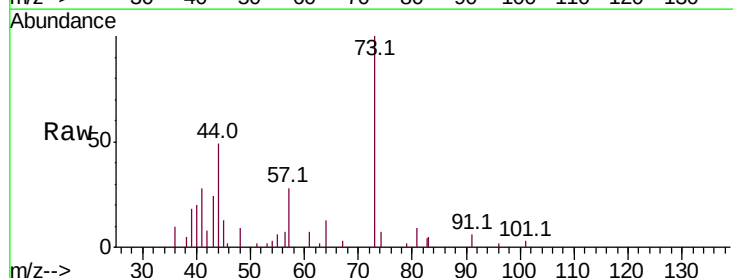
Tgt Ion: 73 Resp: 12839

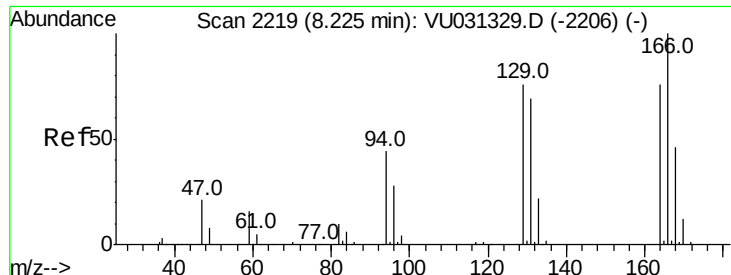
Ion Ratio Lower Upper

73 100

43 24.9 16.3 24.5#

57 28.2 18.8 28.2





#47

Tetrachloroethene

Concen: 0.129 ug/L

RT: 8.23 min Scan# 2220

Delta R.T. 0.00 min

Lab File: VU031342.D

Acq: 19 Apr 2019 07:16

Instrument :

MSVOA_U

ClientSampleId :

YAMY8

Tot Ion:164 Resp: 2025

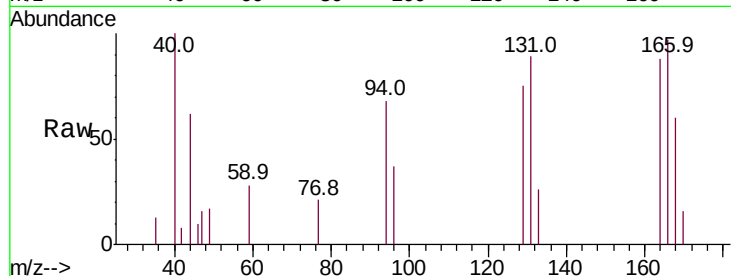
Ion Ratio Lower Upper

164 100

129 84.3 61.9 114.9

131 100.2 61.5 114.3

166 110.1 84.6 157.0



Abundance Ion 163.90 (163.60 to 164.60): V

2000 Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

