

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101920\
 Data File : VU040809.D
 Acq On : 19 Oct 2020 17:13
 Operator : SY/MD
 Sample : L4354-21DL 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ40DL

Quant Time: Oct 20 03:36:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 20 01:28:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	118315	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	126046	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	53229	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	46872	4.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.60%
7) Chloroethane-d5	1.92	69	39428	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.40%
11) 1,1-Dichloroethene-d2	2.58	63	71354	3.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.40%
20) 2-Butanone-d5	4.66	46	168333	53.66	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.32%
24) Chloroform-d	5.08	84	90173	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.80%
26) 1,2-Dichloroethane-d4	5.72	65	54788	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
32) Benzene-d6	5.74	84	166020	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.70	67	56487	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.91	98	131900	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
43) trans-1,3-Dichloropropene-	8.19	79	21398	4.48	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.60%
46) 2-Hexanone-d5	8.64	63	117593	47.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.46%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	50457	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	53046	5.37	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.40%

Target Compounds

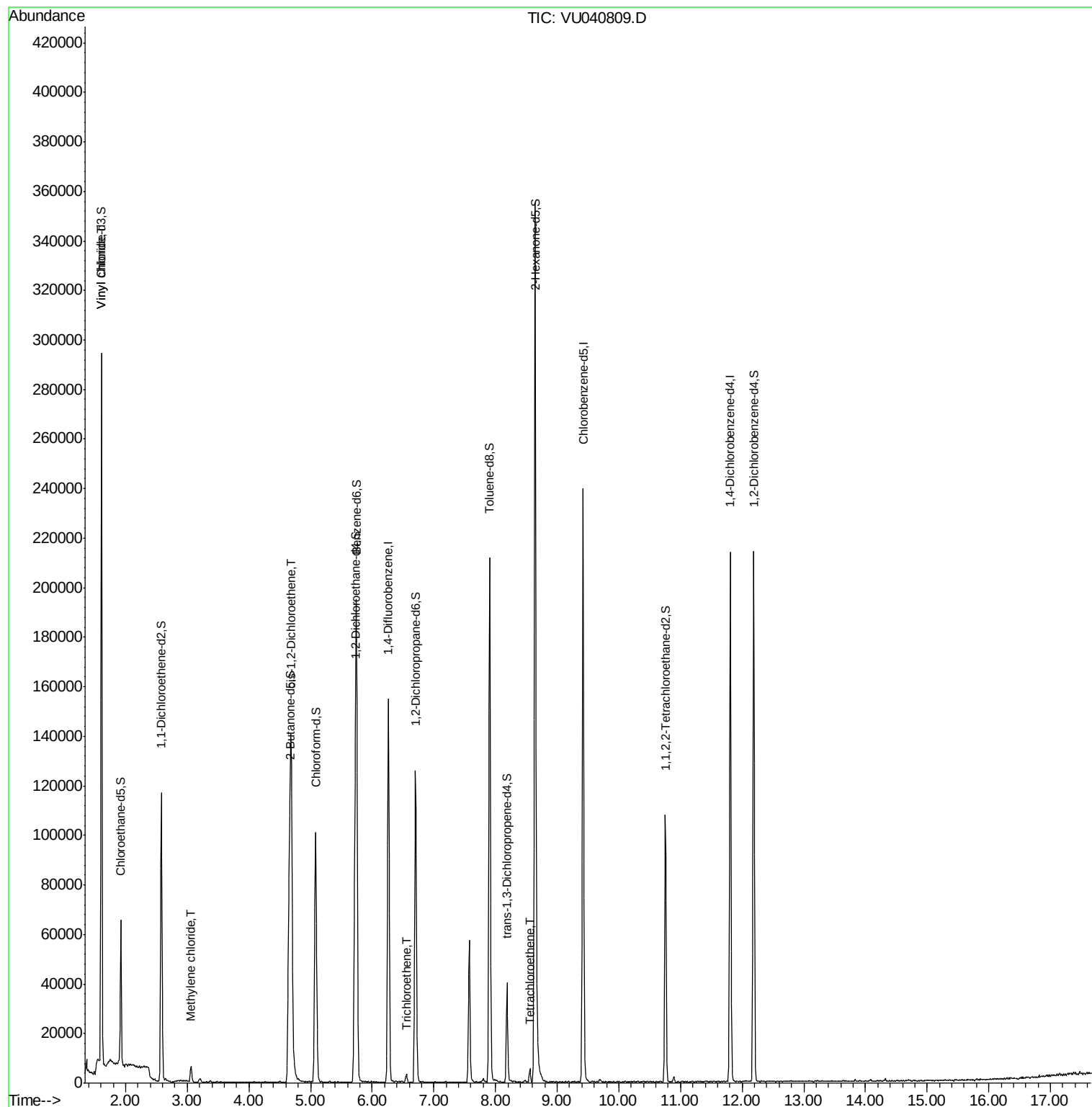
					Ovalue
5) Vinyl chloride	1.61	62	148270	14.044	ug/L 97
16) Methylene chloride	3.06	84	2631	0.243	ug/L 97
22) cis-1,2-Dichloroethene	4.69	96	52223	5.480	ug/L 94
34) Trichloroethene	6.55	95	1014	0.097	ug/L 87
47) Tetrachloroethene	8.56	164	1066	0.142	ug/L 89

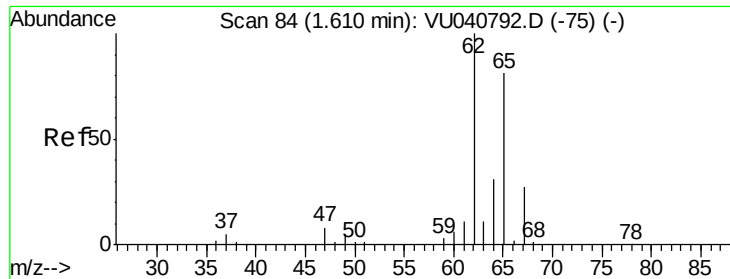
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 14.044 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU040809.D

Acq: 19 Oct 2020 17:13

Instrument :

MSVOA_U

ClientSampleId :

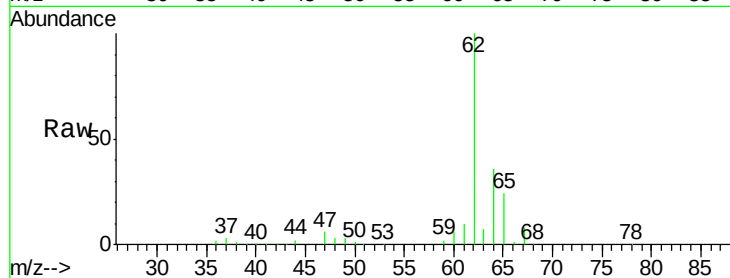
ETZ40DL

Tot Ion: 62 Resp: 148270

Ion Ratio Lower Upper

62 100

64 35.7 23.7 44.1



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0

1.61

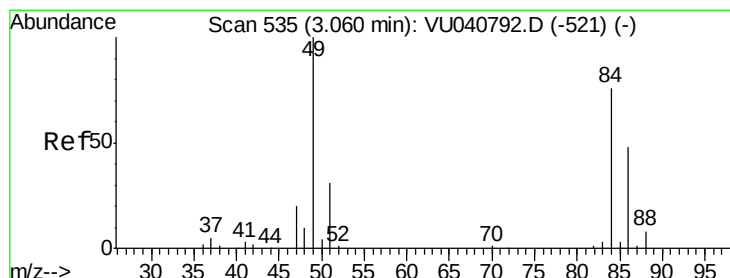
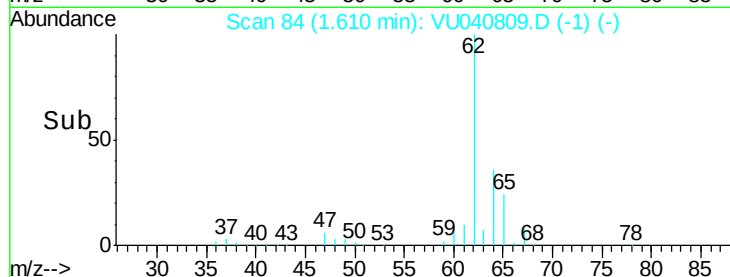
150000

100000

50000

0

Time-->



#16

Methylene chloride

Concen: 0.243 ug/L

RT: 3.06 min Scan# 535

Delta R.T. 0.00 min

Lab File: VU040809.D

Acq: 19 Oct 2020 17:13

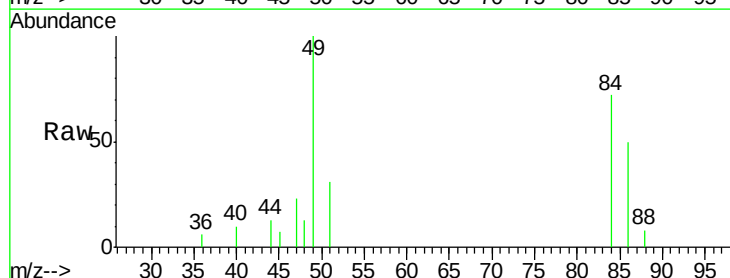
Tgt Ion: 84 Resp: 2631

Ion Ratio Lower Upper

84 100

86 69.0 45.4 84.4

49 139.3 99.8 185.3



Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

2500

2000

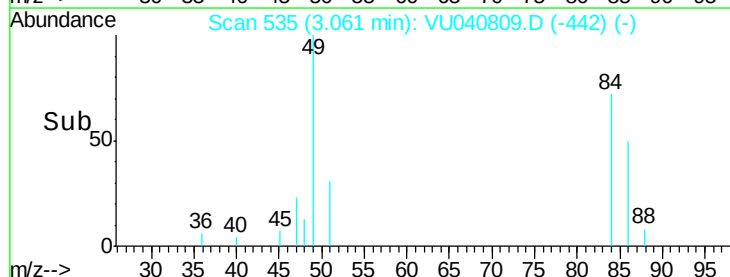
1500

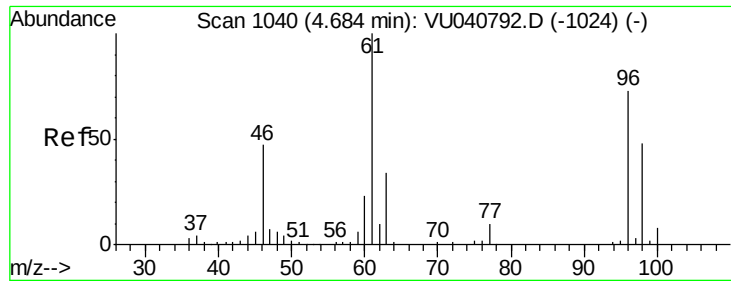
1000

500

0

Time-->





#22

cis-1,2-Dichloroethene

Concen: 5.480 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU040809.D

Acq: 19 Oct 2020 17:13

Instrument :

MSVOA_U

ClientSampleId :

ETZ40DL

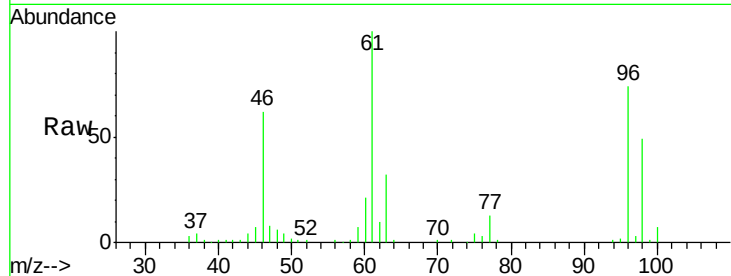
Tot Ion: 96 Resp: 52223

Ion Ratio Lower Upper

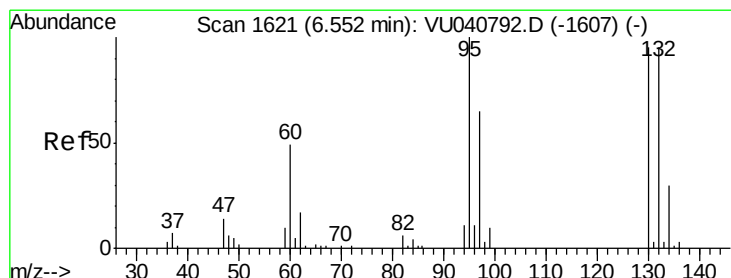
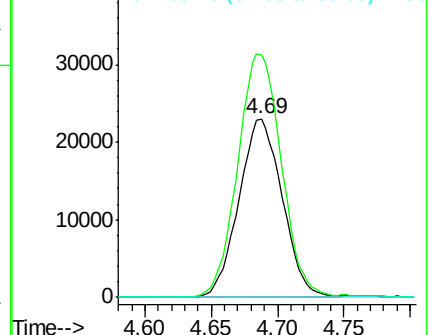
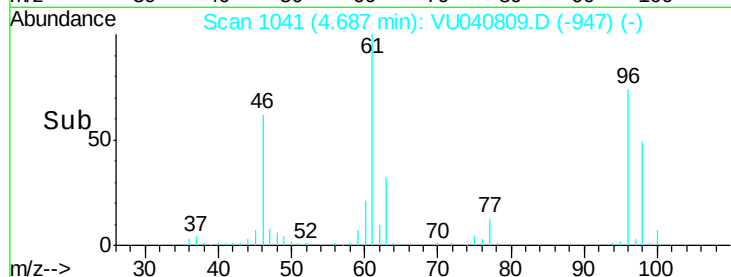
96 100

61 135.5 99.8 185.4

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU040809.D (-947) (-)



#34

Trichloroethene

Concen: 0.097 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. 0.00 min

Lab File: VU040809.D

Acq: 19 Oct 2020 17:13

Tgt Ion: 95 Resp: 1014

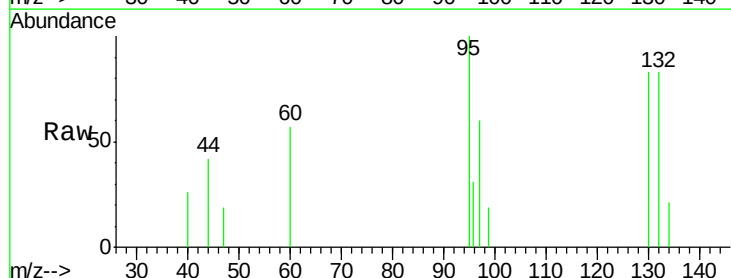
Ion Ratio Lower Upper

95 100

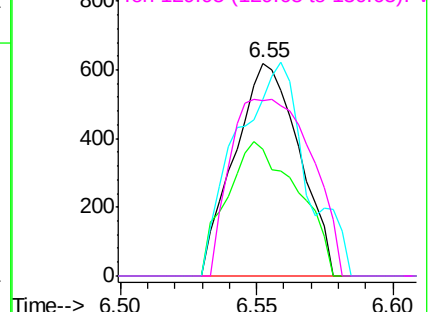
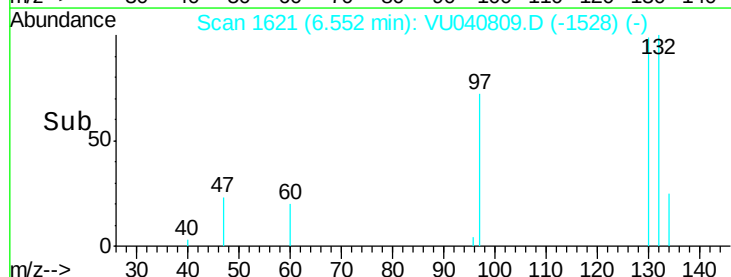
97 59.6 45.5 84.5

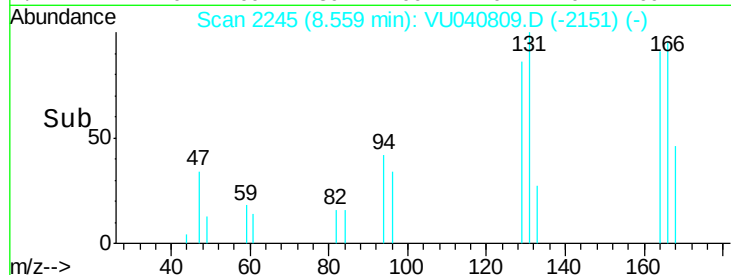
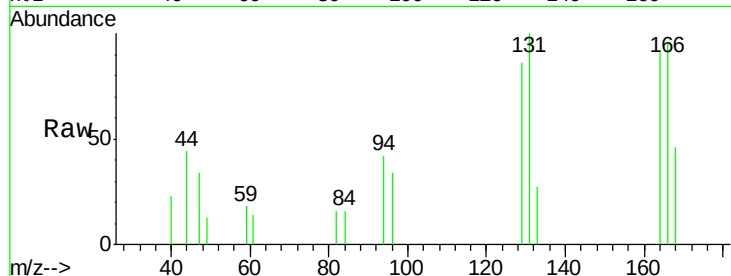
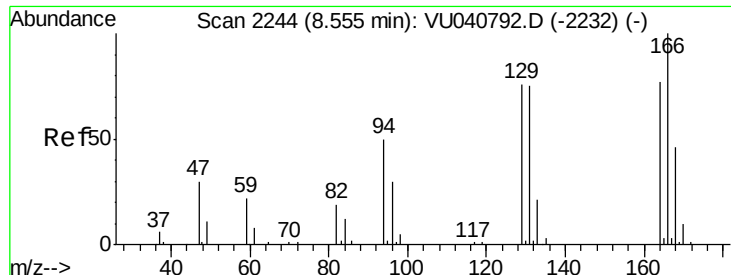
132 83.0 67.5 125.4

130 82.6 69.9 129.9



Abundance Ion 95.00 (94.70 to 95.70): VU040809.D (-1528) (-)





#47

Tetrachloroethene

Concen: 0.142 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU040809.D

Acq: 19 Oct 2020 17:13

Instrument :

MSVOA_U

ClientSampleId :

ETZ40DL

Tot Ion:164 Resp: 1066

Ion Ratio Lower Upper

164 100

129 95.5 68.8 127.8

131 110.5 66.7 123.9

166 105.0 83.9 155.7

Abundance Ion 163.90 (163.60 to 164.60): V

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

