

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041720\
 Data File : VU037795.D
 Acq On : 18 Apr 2020 01:05
 Operator : JC/MD
 Sample : L2319-07
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AD9

Quant Time: Apr 18 06:51:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Apr 18 05:19:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	269841	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	255533	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	125402	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	76109	3.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.60%
7) Chloroethane-d5	1.93	69	71593	4.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.00%
11) 1,1-Dichloroethene-d2	2.59	63	107536	2.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.20%#
20) 2-Butanone-d5	4.66	46	311200	55.49	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.98%
24) Chloroform-d	5.10	84	153969	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.74	65	92048	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.76	84	317908	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.72	67	108920	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	7.92	98	285198	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
43) trans-1,3-Dichloropropene-	8.20	79	43949	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
46) 2-Hexanone-d5	8.65	63	263826	51.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.12%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	89261	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	108449	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%

Target Compounds

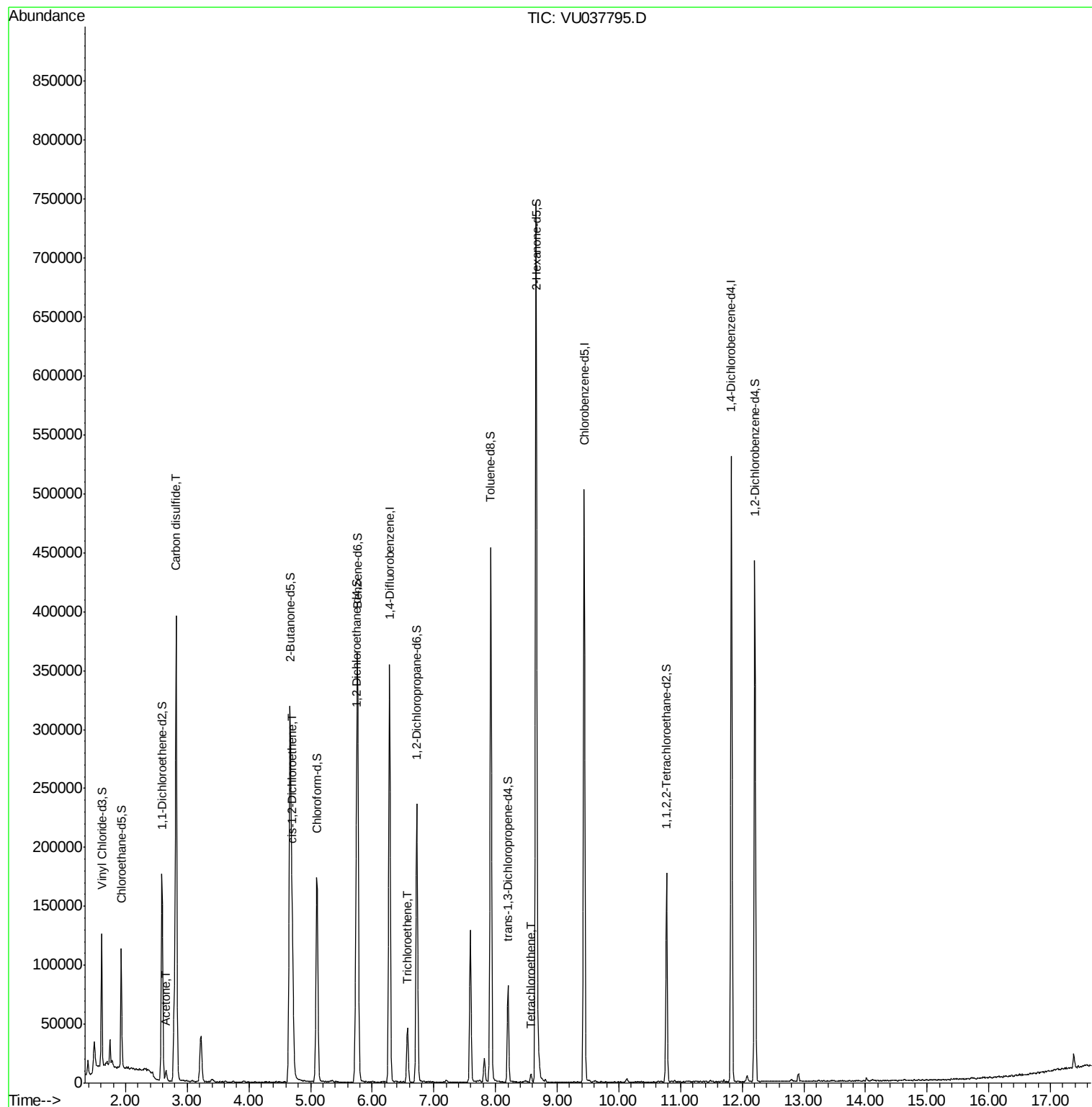
					Ovalue
13) Acetone	2.66	43	9202	2.489 ug/L	99
14) Carbon disulfide	2.82	76	492750	7.247 ug/L	100
22) cis-1,2-Dichloroethene	4.71	96	47106	2.160 ug/L	96
34) Trichloroethene	6.57	95	15138	0.730 ug/L	99
47) Tetrachloroethene	8.57	164	1396	0.094 ug/L	96

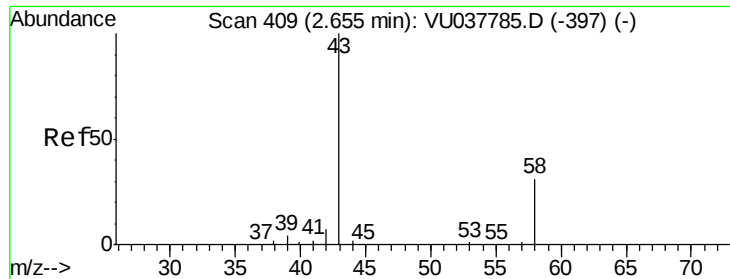
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Apr 18 05:19:30 2020
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#13

Acetone

Concen: 2.489 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU037795.D

Acq: 18 Apr 2020 01:05

Instrument :

MSVOA_U

ClientSampleId :

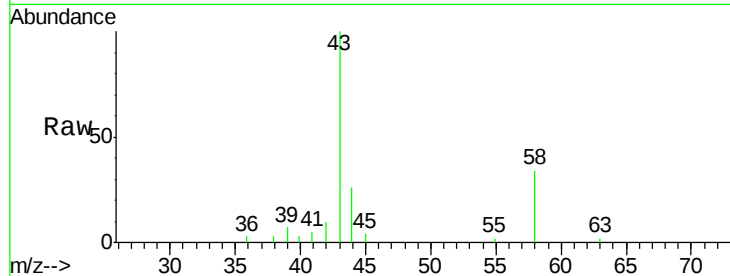
C0AD9

Tot Ion: 43 Resp: 9202

Ion Ratio Lower Upper

43 100

58 33.2 0.0 64.8



Abundance Ion 43.05 (42.75 to 43.75): VU037795.D (-397) (-)

Ion 58.05 (57.75 to 58.75): VU037795.D (-397) (-)

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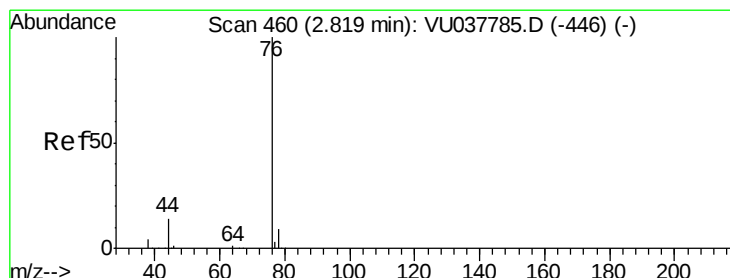
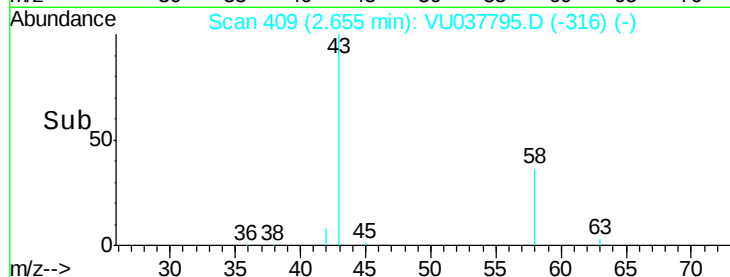
2.66

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#14

Carbon disulfide

Concen: 7.247 ug/L

RT: 2.82 min Scan# 460

Delta R.T. 0.00 min

Lab File: VU037795.D

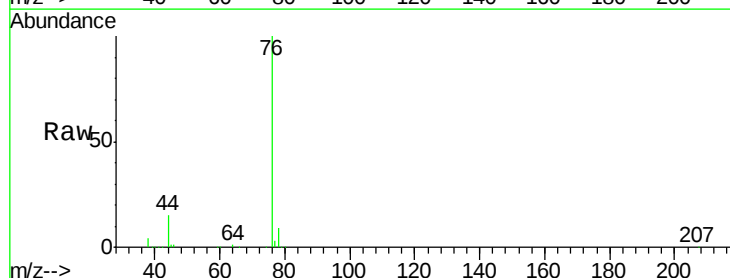
Acq: 18 Apr 2020 01:05

Tgt Ion: 76 Resp: 492750

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0



Abundance Ion 76.05 (75.75 to 76.75): VU037795.D (-446) (-)

Ion 78.00 (77.70 to 78.70): VU037795.D (-446) (-)

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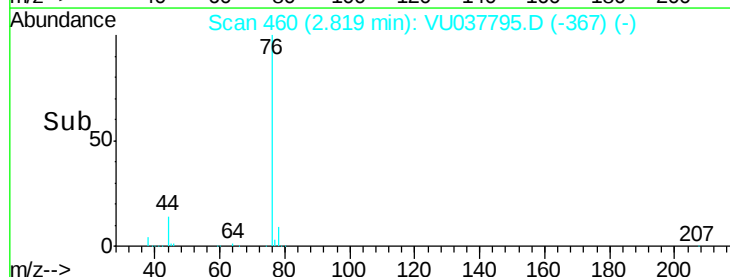
2.82

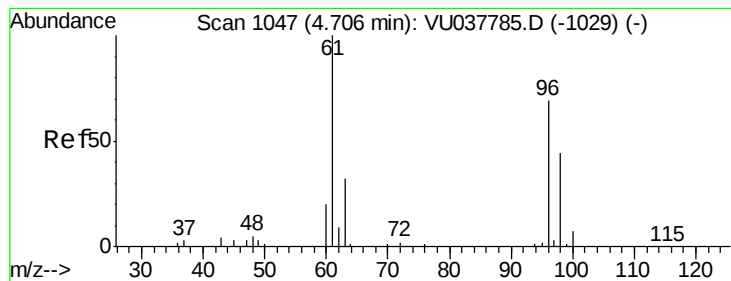
2.82

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2.82





#22

cis-1,2-Dichloroethene

Concen: 2.160 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. 0.00 min

Lab File: VU037795.D

Acq: 18 Apr 2020 01:05

Instrument :

MSVOA_U

ClientSampled :

C0AD9

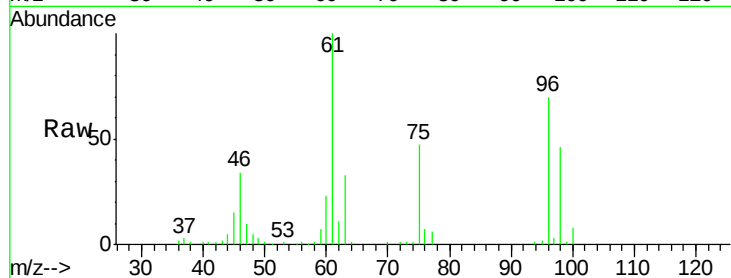
Tot Ion: 96 Resp: 47106

Ion Ratio Lower Upper

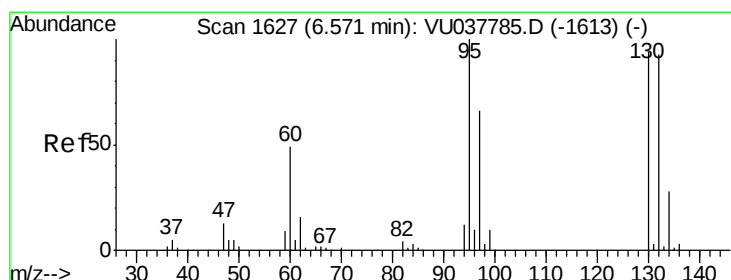
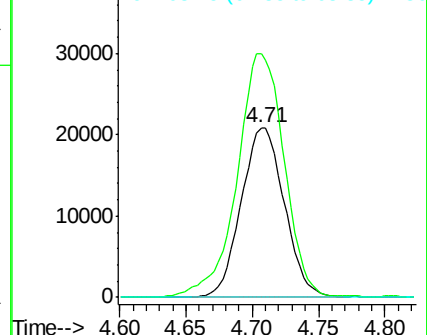
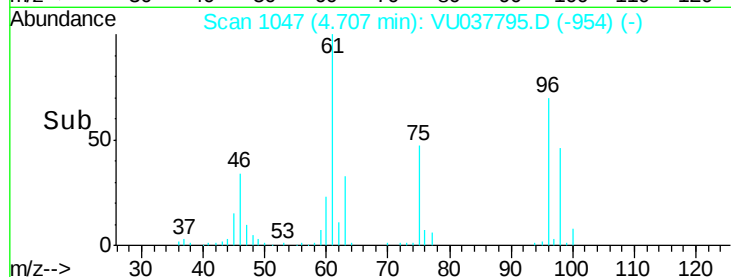
96 100

61 143.6 97.0 180.2

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU037795.D (-1534) (-)



#34

Trichloroethene

Concen: 0.730 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VU037795.D

Acq: 18 Apr 2020 01:05

Tgt Ion: 95 Resp: 15138

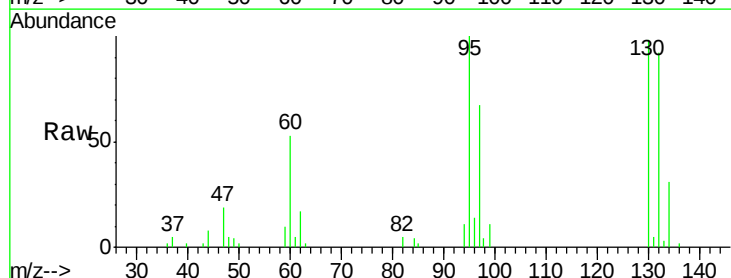
Ion Ratio Lower Upper

95 100

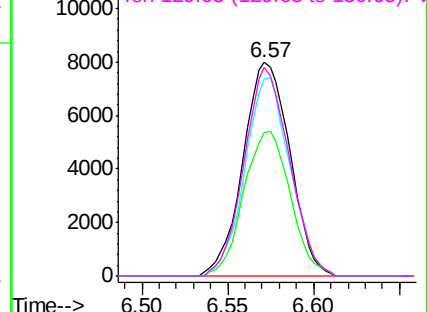
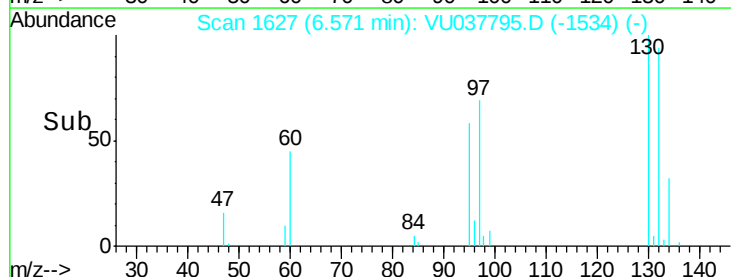
97 67.0 45.4 84.2

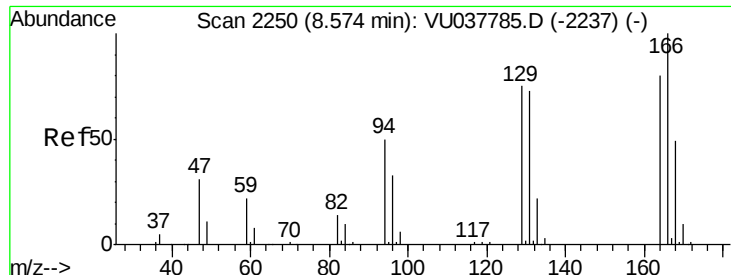
132 92.1 63.7 118.3

130 97.7 68.7 127.5



Abundance Ion 95.00 (94.70 to 95.70): VU037795.D (-1534) (-)





#47

Tetrachloroethene

Concen: 0.094 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. 0.00 min

Lab File: VU037795.D

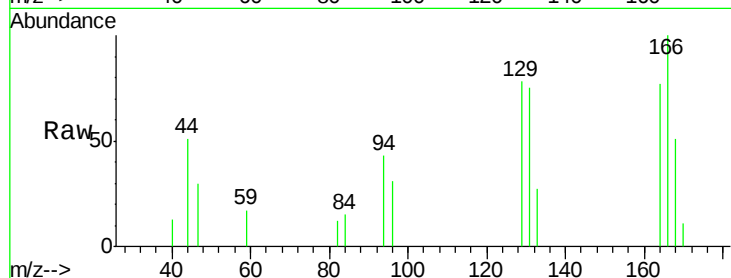
Acq: 18 Apr 2020 01:05

Instrument :

MSVOA_U

ClientSampleId :

C0AD9



Tot Ion:164 Resp: 1396

Ion Ratio Lower Upper

164 100

129 102.2 68.1 126.5

131 98.3 65.9 122.5

166 130.7 89.7 166.7

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

