

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121619\
 Data File : VU036228.D
 Acq On : 16 Dec 2019 12:49
 Operator : JC/MD
 Sample : K6234-04 400X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFE56

Quant Time: Dec 17 01:41:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 17 01:19:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	220166	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	249853	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	92409	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	88045	4.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.80%
7) Chloroethane-d5	1.93	69	84158	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.59	63	94915	3.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.80%
20) 2-Butanone-d5	4.70	46	195335	53.78	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.56%
24) Chloroform-d	5.11	84	153190	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.75	65	80817	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	5.77	84	277197	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
36) 1,2-Dichloropropane-d6	6.73	67	93335	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.93	98	222946	3.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.40%
43) trans-1,3-Dichloropropene-	8.21	79	35140	4.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.40%
46) 2-Hexanone-d5	8.68	63	147915	47.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.02%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	86516	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	88501	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

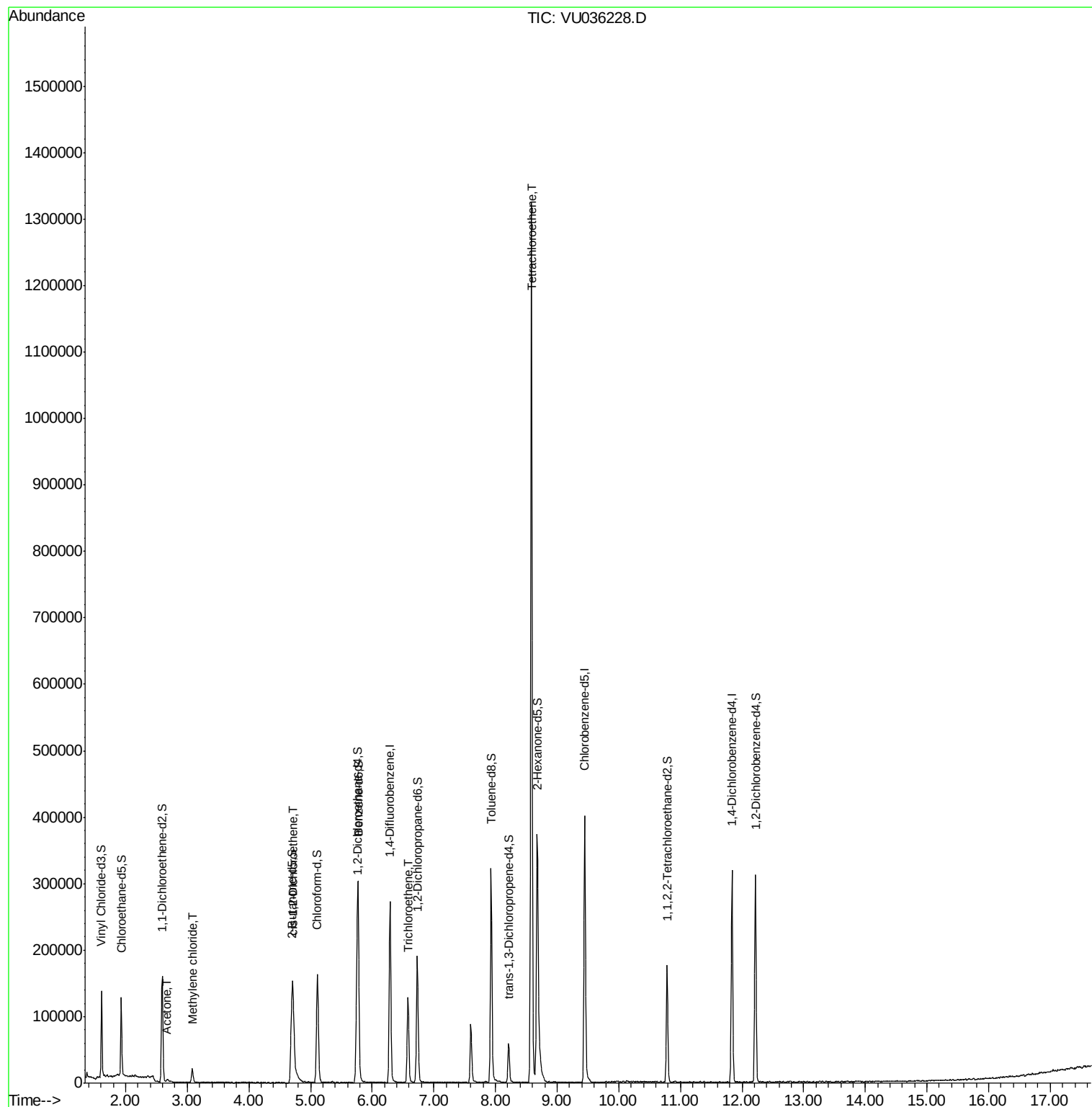
					Ovalue
13) Acetone	2.67	43	6087	1.923 ug/L	93
16) Methylene chloride	3.08	84	9875	0.411 ug/L	88
22) cis-1,2-Dichloroethene	4.72	96	43791	2.386 ug/L	94
34) Trichloroethene	6.58	95	44403	2.243 ug/L	96
47) Tetrachloroethene	8.58	164	311299	17.411 ug/L	96

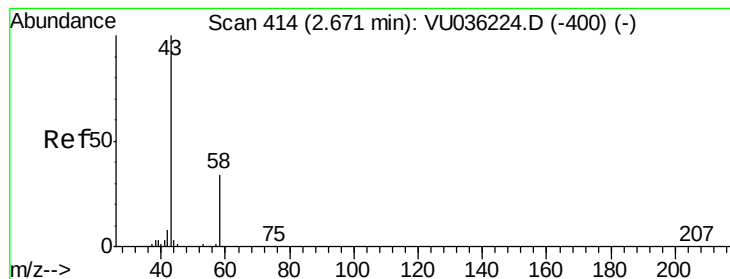
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.923 ug/L

RT: 2.67 min Scan# 415

Delta R.T. 0.00 min

Lab File: VU036228.D

Acq: 16 Dec 2019 12:49

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MSVOA_U

ClientSampleId :

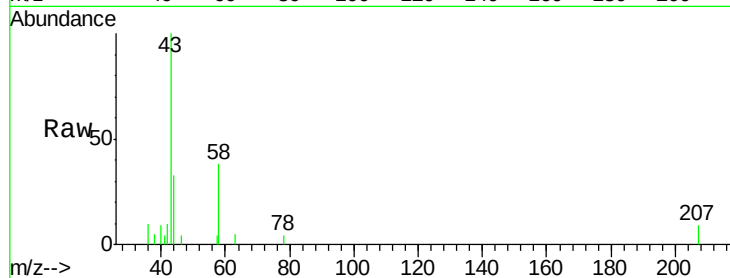
BFES6

Tot Ion: 43 Resp: 6087

Ion Ratio Lower Upper

43 100

58 30.0 0.0 67.6



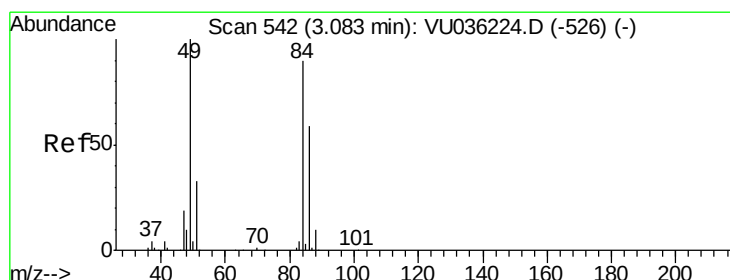
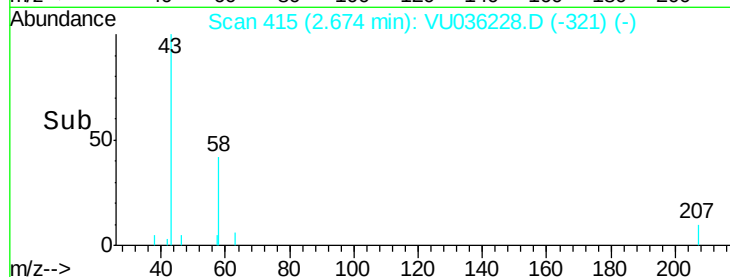
Abundance Ion 43.05 (42.75 to 43.75): VU036228.D (-321) (-)

Ion 58.05 (57.75 to 58.75): VU036228.D (-321) (-)

2.67

2.65 2.70 2.75

Time-->



#16

Methylene chloride

Concen: 0.411 ug/L

RT: 3.08 min Scan# 541

Delta R.T. -0.00 min

Lab File: VU036228.D

Acq: 16 Dec 2019 12:49

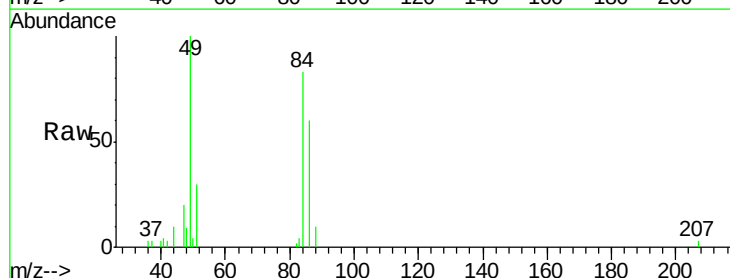
Tgt Ion: 84 Resp: 9875

Ion Ratio Lower Upper

84 100

86 73.2 43.0 79.8

49 121.1 77.3 143.5



Abundance Ion 84.05 (83.75 to 84.75): VU036228.D (-449) (-)

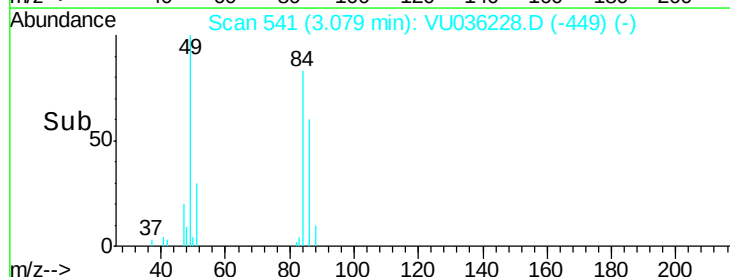
Ion 86.00 (85.70 to 86.70): VU036228.D (-449) (-)

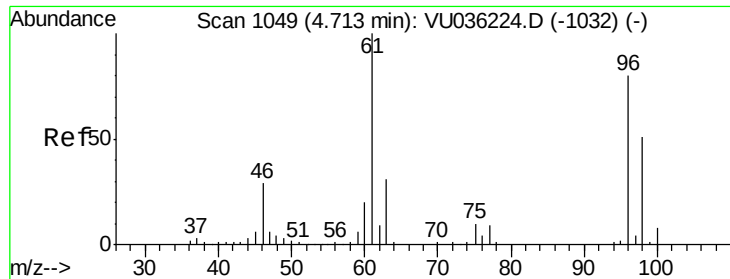
Ion 49.10 (48.80 to 49.80): VU036228.D (-449) (-)

3.08

3.05 3.10 3.15

Time-->





#22

cis-1,2-Dichloroethene

Concen: 2.386 ug/L

RT: 4.72 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VU036228.D

Acq: 16 Dec 2019 12:49

Instrument :

MSVOA_U

ClientSampleId :

BFES6

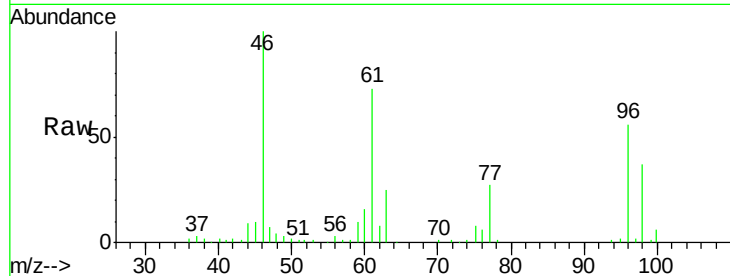
Tot Ion: 96 Resp: 43791

Ion Ratio Lower Upper

96 100

61 130.3 86.7 161.1

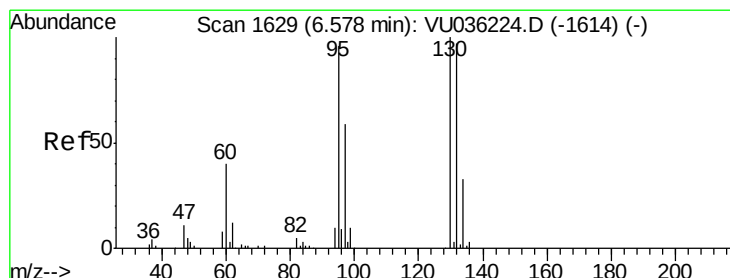
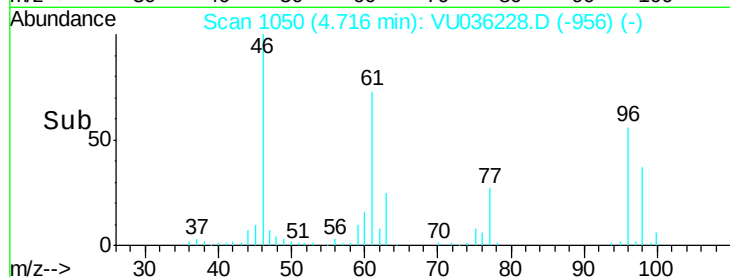
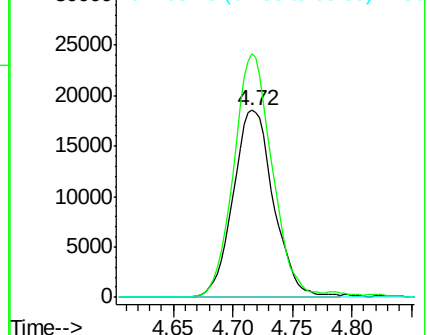
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU036228.D (-1032) (-)

Ion 61.05 (60.75 to 61.75): VU036228.D (-1032) (-)

Ion 68.15 (67.85 to 68.85): VU036228.D (-1032) (-)



#34

Trichloroethene

Concen: 2.243 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VU036228.D

Acq: 16 Dec 2019 12:49

Tgt Ion: 95 Resp: 44403

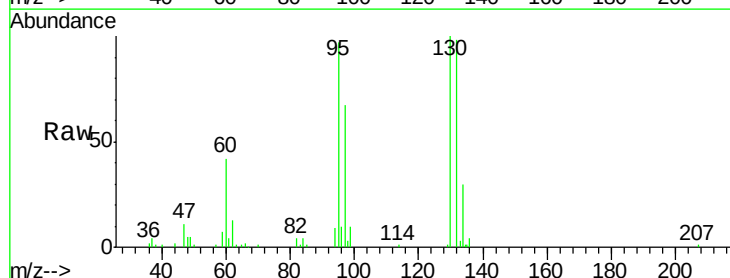
Ion Ratio Lower Upper

95 100

97 69.0 43.6 81.0

132 101.7 69.6 129.2

130 103.5 70.3 130.7

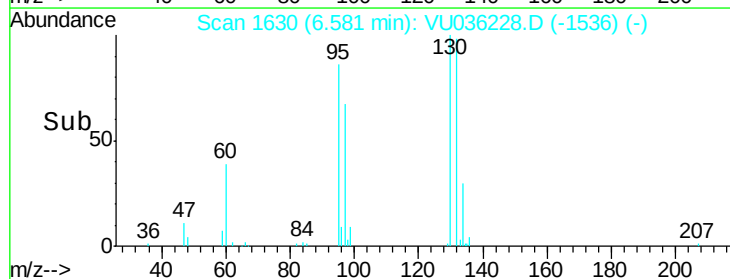
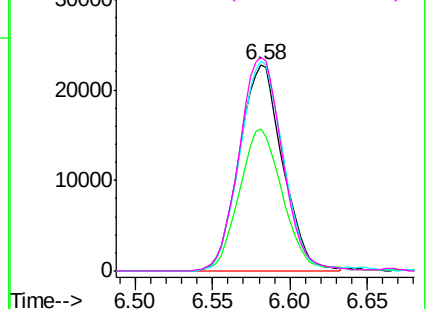


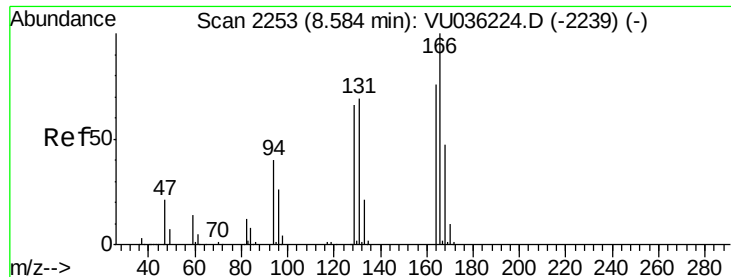
Abundance Ion 95.00 (94.70 to 95.70): VU036228.D (-1614) (-)

Ion 96.95 (96.65 to 97.65): VU036228.D (-1614) (-)

Ion 131.95 (131.65 to 132.65): VU036228.D (-1614) (-)

Ion 129.95 (129.65 to 130.65): VU036228.D (-1614) (-)





#47

Tetrachloroethene

Concen: 17.411 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. 0.00 min

Lab File: VU036228.D

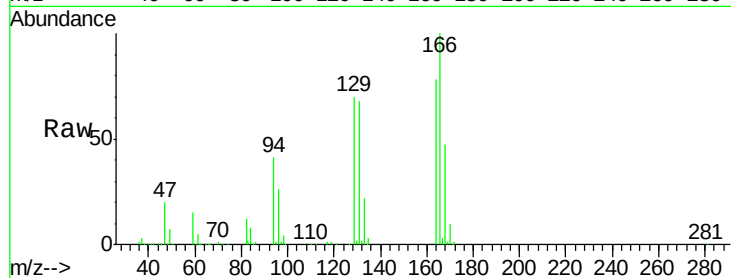
Acq: 16 Dec 2019 12:49

Instrument :

MSVOA_U

ClientSampleId :

BF56



Tot Ion:164 Resp: 311299

Ion Ratio Lower Upper

164 100

129 89.9 64.2 119.2

131 87.6 66.6 123.8

166 128.4 93.1 172.9

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

