

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032119\
 Data File : VU030274.D
 Acq On : 21 Mar 2019 18:35
 Operator : JC/SP
 Sample : K1967-20DL 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0976DL

Quant Time: Mar 22 05:41:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 22 05:14:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	534835	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	517639	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	237296	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	176180	48.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.44%
7) Chloroethane-d5	1.68	69	139721	48.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.64%
11) 1,1-Dichloroethene-d2	2.27	63	234181	35.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.98%
21) 2-Butanone-d5	4.18	46	232431	86.63	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.63%
24) Chloroform-d	4.65	84	296959	44.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.48%
26) 1,2-Dichloroethane-d4	5.31	65	175454	46.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.70%
32) Benzene-d6	5.34	84	649969	47.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.30%
36) 1,2-Dichloropropane-d6	6.33	67	199852	47.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.70%
41) Toluene-d8	7.56	98	580655	45.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.54%
43) trans-1,3-Dichloropropene-	7.85	79	89358	43.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.96%
47) 2-Hexanone-d5	8.31	63	188618	86.18	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.18%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	285426	44.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.18%
64) 1,2-Dichlorobenzene-d4	11.86	152	227275	47.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.40%

Target Compounds

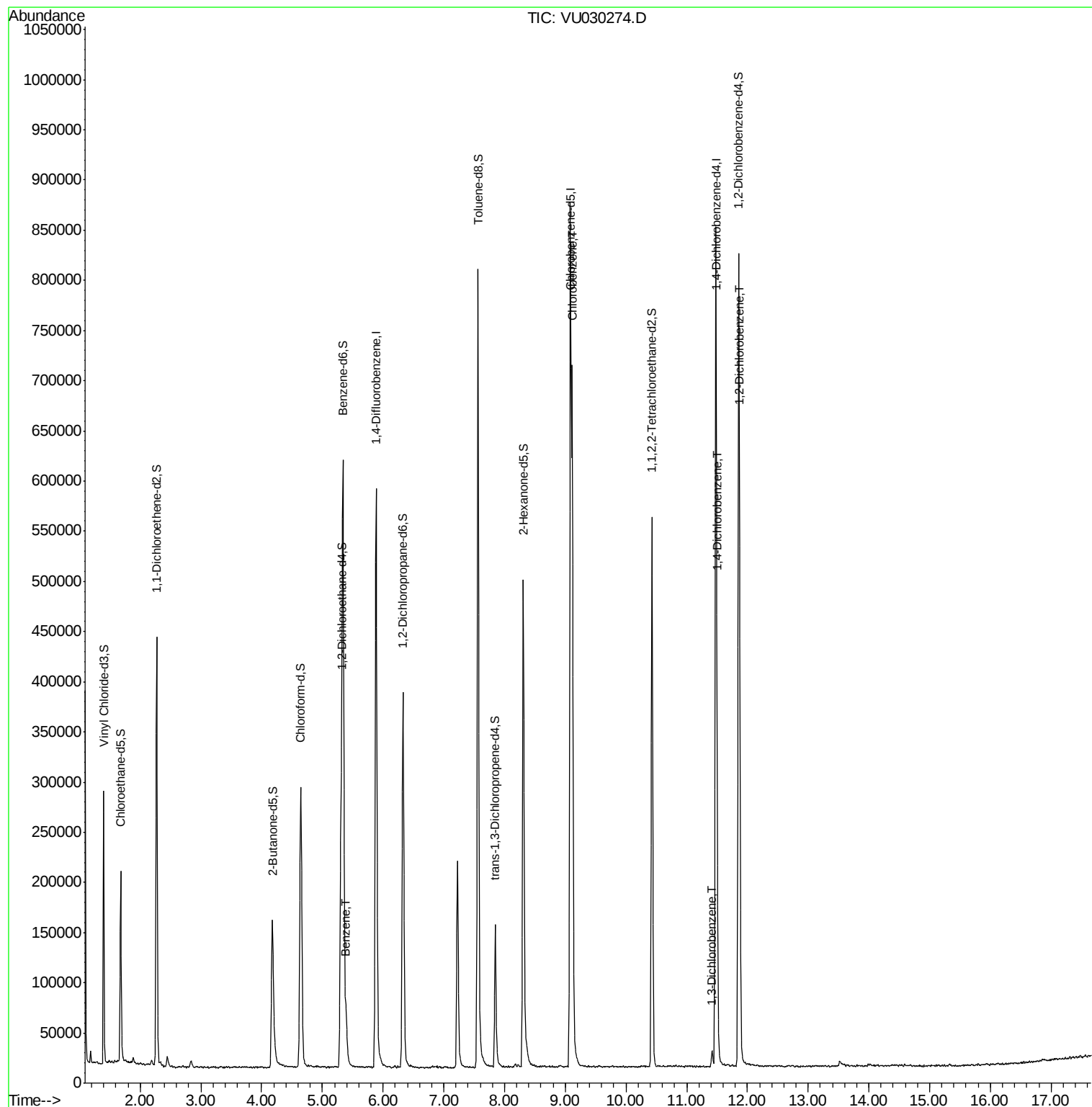
					Ovalue
33) Benzene	5.39	78	53544	3.585 ug/L	100
51) Chlorobenzene	9.12	112	403612	37.530 ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	8112	1.071 ug/L	93
63) 1,4-Dichlorobenzene	11.50	146	69071	8.795 ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	92420	11.948 ug/L	97

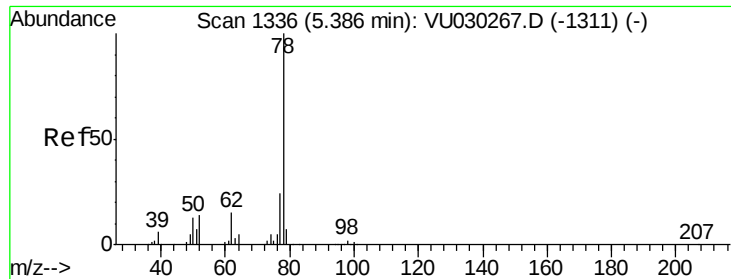
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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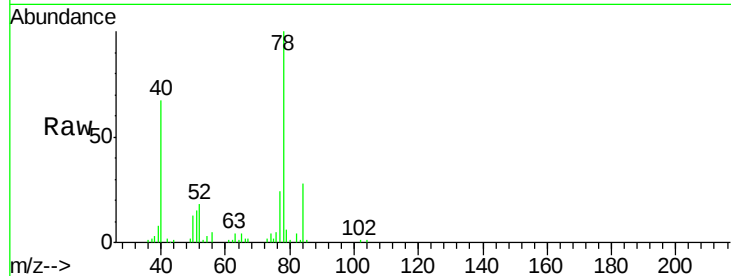




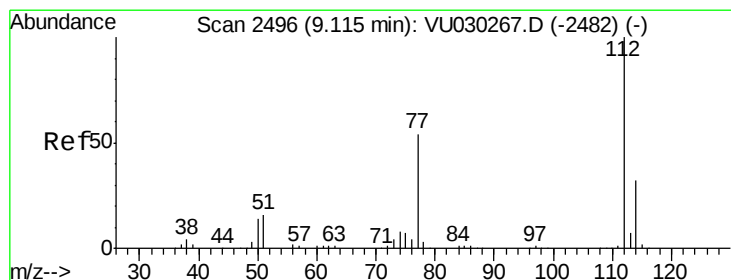
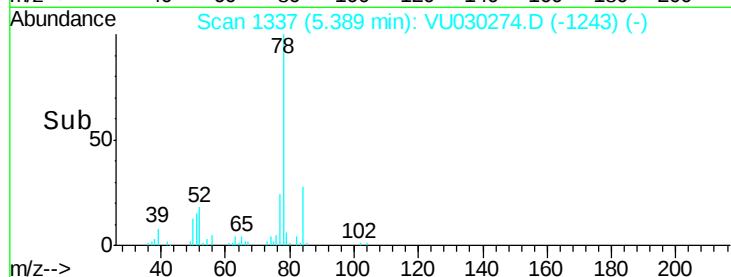
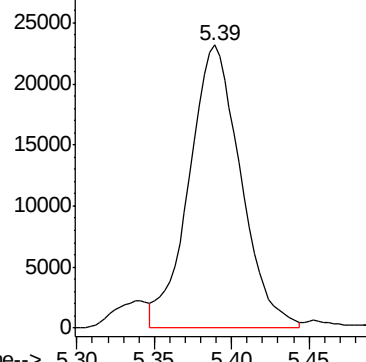
#33
Benzene
Concen: 3.585 ug/L
RT: 5.39 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VU030274.D
Acq: 21 Mar 2019 18:35

Instrument :
MSVOA_U
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Tgt Ion: 78 Resp: 53544

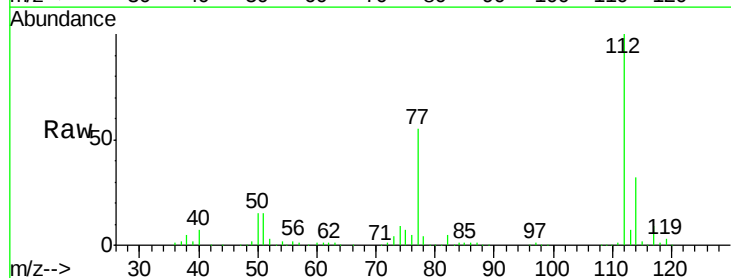


Abundance Ion 78.00 (77.70 to 78.70): VU0



#51
Chlorobenzene
Concen: 37.530 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. -0.00 min
Lab File: VU030274.D
Acq: 21 Mar 2019 18:35

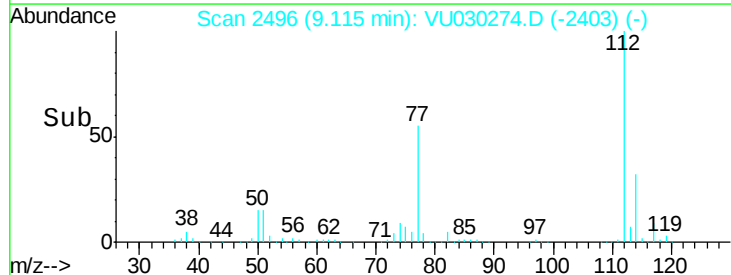
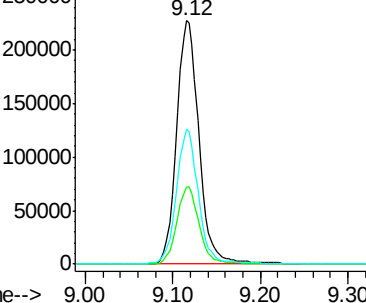
Tgt Ion: 112 Resp: 403612
Ion Ratio Lower Upper
112 100
114 32.0 22.5 41.7
77 55.3 43.4 65.0

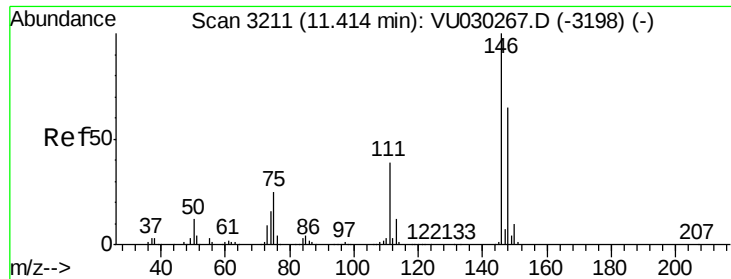


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VU0





#62

1,3-Dichlorobenzene

Concen: 1.071 ug/L

RT: 11.42 min Scan# 3213

Delta R.T. 0.01 min

Lab File: VU030274.D

Acq: 21 Mar 2019 18:35

Instrument :

MSVOA_U

ClientSampled :

C0976DL

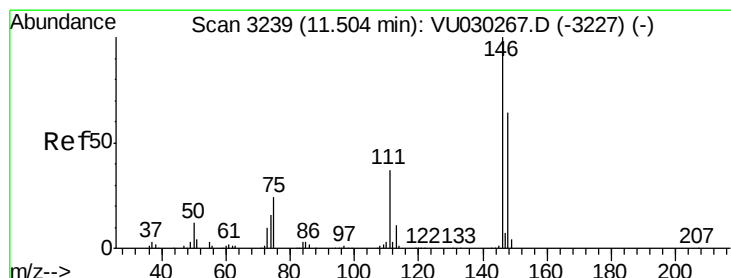
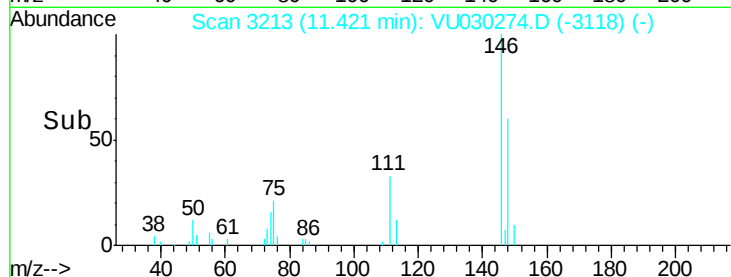
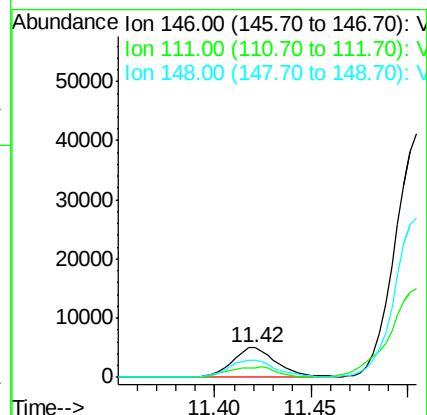
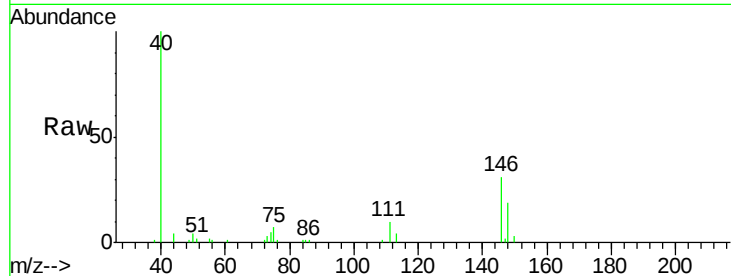
Tot Ion:146 Resp: 8112

Ion Ratio Lower Upper

146 100

111 33.3 27.2 50.4

148 59.6 44.4 82.5



#63

1,4-Dichlorobenzene

Concen: 8.795 ug/L

RT: 11.50 min Scan# 3239

Delta R.T. -0.00 min

Lab File: VU030274.D

Acq: 21 Mar 2019 18:35

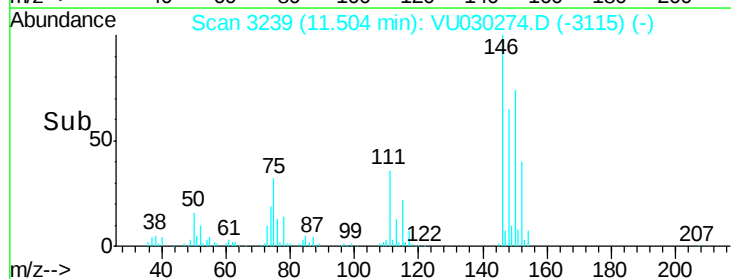
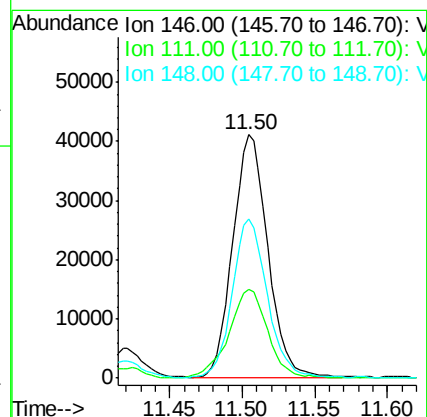
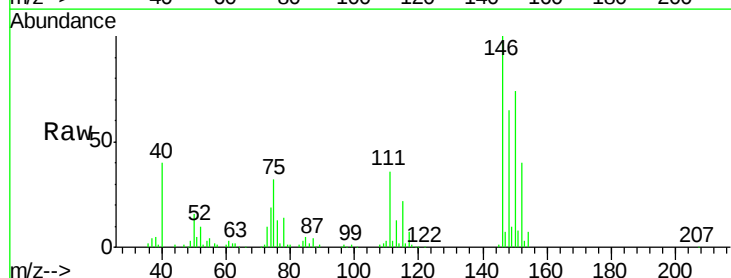
Tgt Ion:146 Resp: 69071

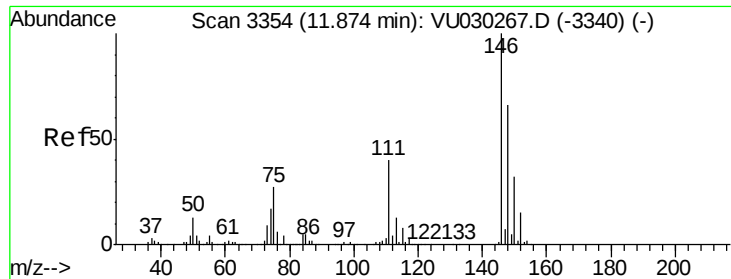
Ion Ratio Lower Upper

146 100

111 36.5 25.3 46.9

148 65.2 44.7 82.9





#65

1,2-Dichlorobenzene

Concen: 11.948 ug/L

RT: 11.88 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VU030274.D

Acq: 21 Mar 2019 18:35

Instrument :

MSVOA_U

ClientSampleId :

C0976DL

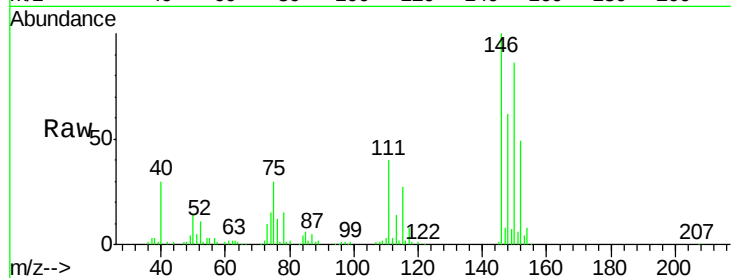
Tot Ion:146 Resp: 92420

Ion Ratio Lower Upper

146 100

111 40.0 31.7 47.5

148 62.0 52.0 78.0



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

