

Data File : VU031356.D
Acq On : 19 Apr 2019 14:06
Operator : JC/SP
Sample : VU0420MBL01
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK36

Quant Time: Apr 19 23:15:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 19 23:12:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	445886	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	460540	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	150307	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	211163	51.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.86%
7) Chloroethane-d5	1.68	69	178681	50.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.24%
11) 1,1-Dichloroethene-d2	2.27	63	298376	36.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.36%
21) 2-Butanone-d5	4.19	46	342314	114.46	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.46%
24) Chloroform-d	4.64	84	367431	53.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.26%
26) 1,2-Dichloroethane-d4	5.31	65	229380	54.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.72%
32) Benzene-d6	5.34	84	682675	46.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.78%
36) 1,2-Dichloropropane-d6	6.33	67	214023	45.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.58%
41) Toluene-d8	7.56	98	510906	39.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.76%#
43) trans-1,3-Dichloropropene-	7.85	79	90615	40.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.24%
47) 2-Hexanone-d5	8.31	63	201115	90.16	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.16%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	269887	41.14	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.28%
64) 1,2-Dichlorobenzene-d4	11.86	152	175869	51.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.04%

Target Compounds

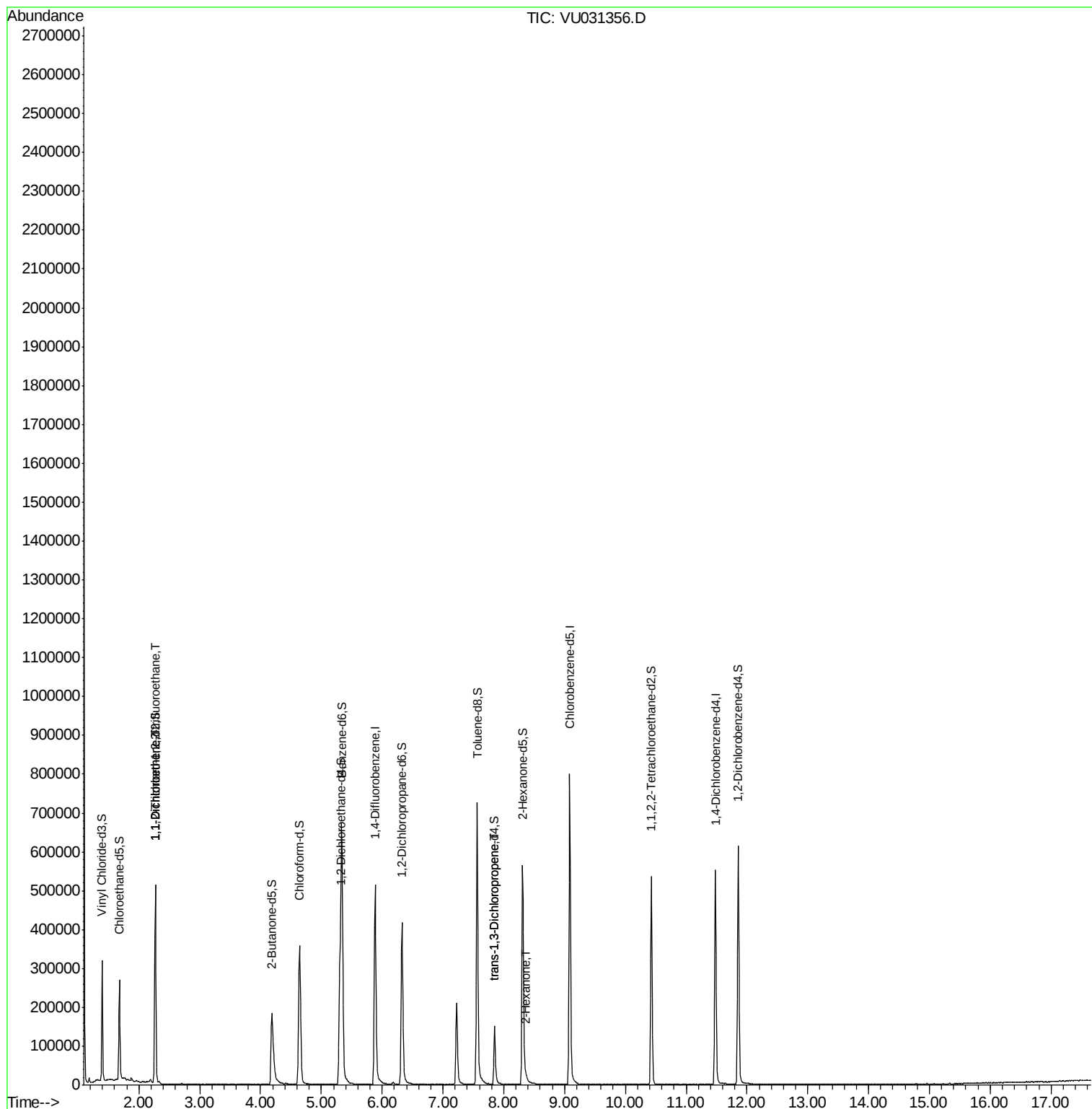
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2823	0.795	ug/L #	21
12) 1,1-Dichloroethene	2.27	96	2462	0.706	ug/L #	1
44) trans-1,3-Dichloropropene	7.85	75	3419	0.641	ug/L #	61
48) 2-Hexanone	8.36	43	6672	1.449	ug/L #	50

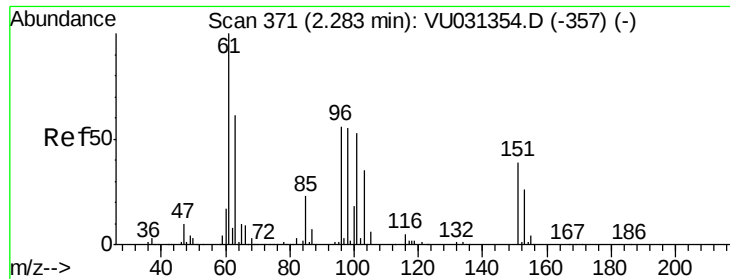
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU031356.D
Acq On : 19 Apr 2019 14:06
Operator : JC/SP
Sample : VU0420MBL01
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK36

Quant Time: Apr 19 23:15:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 19 23:12:12 2019
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.795 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031356.D

Acq: 19 Apr 2019 14:06

Instrument :

MSVOA_U

ClientSampleId :

VBLK36

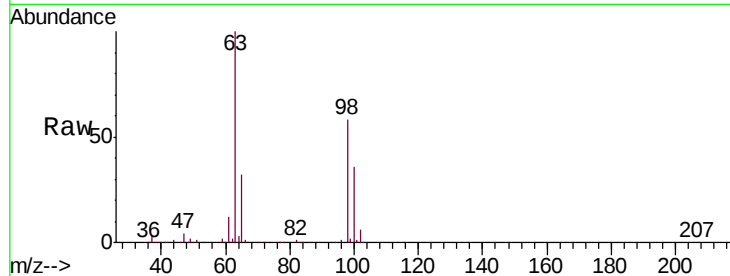
Tgt Ion: 101 Resp: 2823

Ion Ratio Lower Upper

101 100

85 3.2 35.4 53.0#

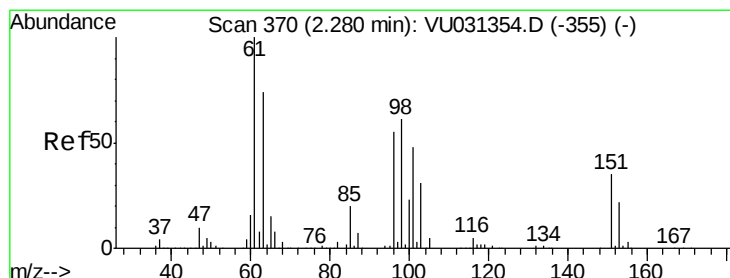
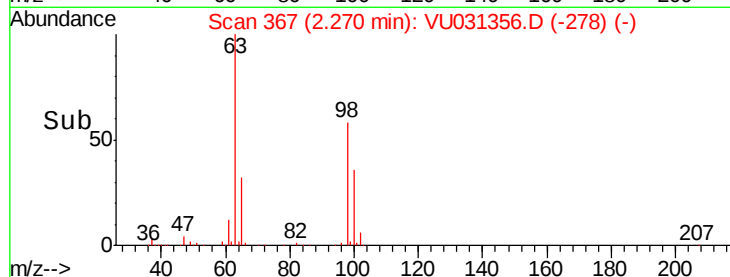
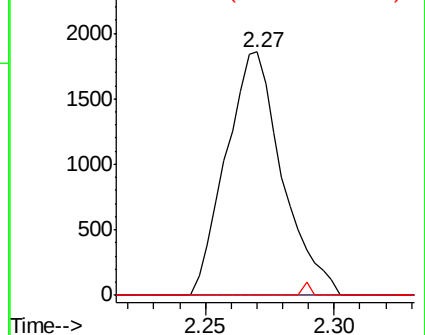
151 0.0 59.8 89.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.706 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU031356.D

Acq: 19 Apr 2019 14:06

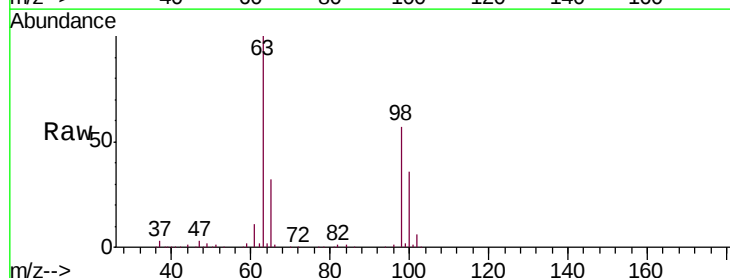
Tgt Ion: 96 Resp: 2462

Ion Ratio Lower Upper

96 100

61 1234.0 130.4 242.2#

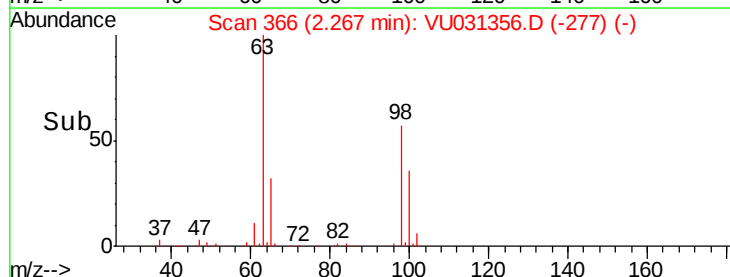
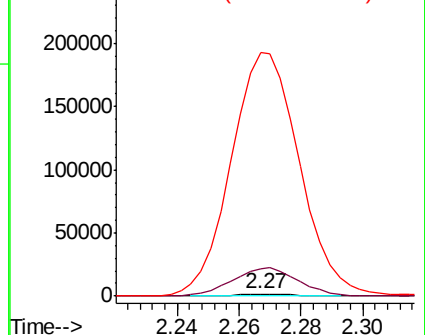
63 10927.9 108.9 202.3#

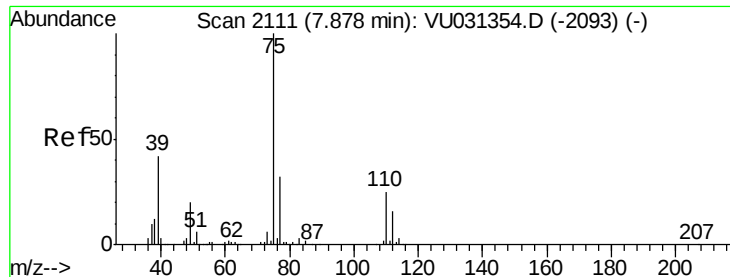


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#44

trans-1,3-Dichloropropene

Concen: 0.641 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU031356.D

Acq: 19 Apr 2019 14:06

Instrument :

MSVOA_U

ClientSampleId :

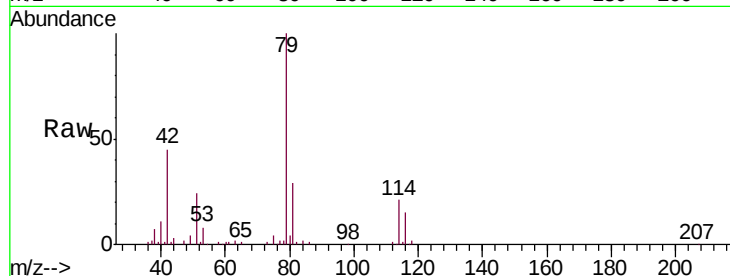
VBLK36

Tgt Ion: 75 Resp: 3419

Ion Ratio Lower Upper

75 100

77 54.4 22.8 42.4#



Abundance Ion 75.00 (74.70 to 75.70): VU031354.D (-2093) (-)

Ion 77.00 (76.70 to 77.70): VU031354.D (-2093) (-)

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

7.85

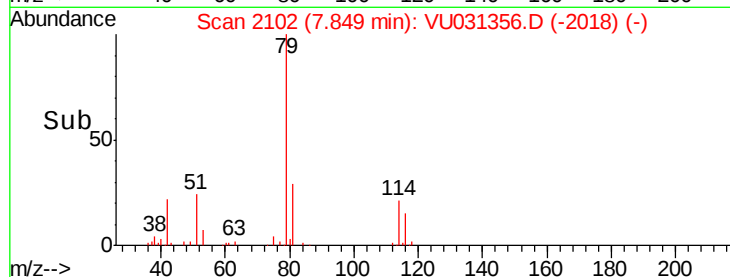
7.85

7.85

7.85

7.85

7.85



#48

2-Hexanone

Concen: 1.449 ug/L

RT: 8.36 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VU031356.D

Acq: 19 Apr 2019 14:06

Tgt Ion: 43 Resp: 6672

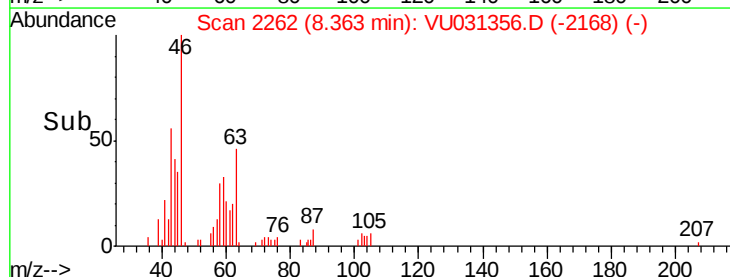
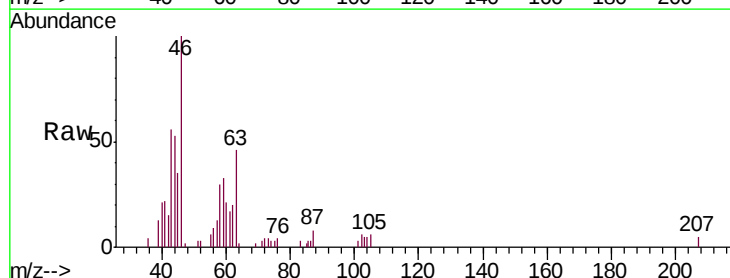
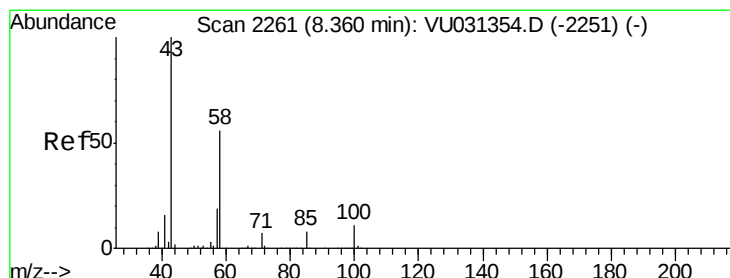
Ion Ratio Lower Upper

43 100

58 6.8 44.9 67.3#

57 11.8 15.1 22.7#

100 4.8 8.6 13.0#



Abundance Ion 43.00 (42.70 to 43.70): VU031354.D (-2251) (-)

Ion 58.00 (57.70 to 58.70): VU031354.D (-2251) (-)

Ion 57.00 (56.70 to 57.70): VU031354.D (-2251) (-)

Ion 100.00 (99.70 to 100.70): VU031354.D (-2251) (-)

8.36

8.36

8.36

8.36

8.36

8.36

8.36

8.36

8.36

8.36

8.36

8.36

8.36

8.36

8.36

8.36

8.36

8.36

8.36

8.36

8.36

8.36

8.36

8.36

8.36

8.36

8.36

8.36

8.36

8.36

8.36

8.36

8.36

8.36

8.36

8.36

8.36

8.36

8.36

8.36

8.36

8.36

8.36

8.36

8.36

8.36

8.36

8.36