

Data File : VV009332.D
Acq On : 22 Feb 2019 16:47
Operator : SY/MD
Sample : K1579-02
Misc : 7.07G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB5Z8

Quant Time: Feb 23 00:40:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022019S.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 23 00:37:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	134185	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	124754	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	54937	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	44333	24.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.32%
7) Chloroethane-d5	1.58	69	63471	30.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	120.20%
10) 1,1-Dichloroethene-d2	2.13	63	87031	19.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.32%
20) 2-Butanone-d5	3.96	46	20707	33.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.28%
24) Chloroform-d	4.40	84	71713	23.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.04%
26) 1,2-Dichloroethane-d4	5.08	65	38176	22.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.36%
29) Benzene-d6	5.10	84	154403	24.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.72%
33) 1,2-Dichloropropane-d6	6.12	67	47447	25.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.08%
37) Toluene-d8	7.36	98	144404	24.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.00%
38) trans-1,3-Dichloropropene-	7.67	79	19823	20.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.84%
39) 2-Hexanone-d5	8.14	63	17898	34.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.90%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	41052	20.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.56%
61) 1,2-Dichlorobenzene-d4	11.67	152	49793	24.68	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.72%

Target Compounds

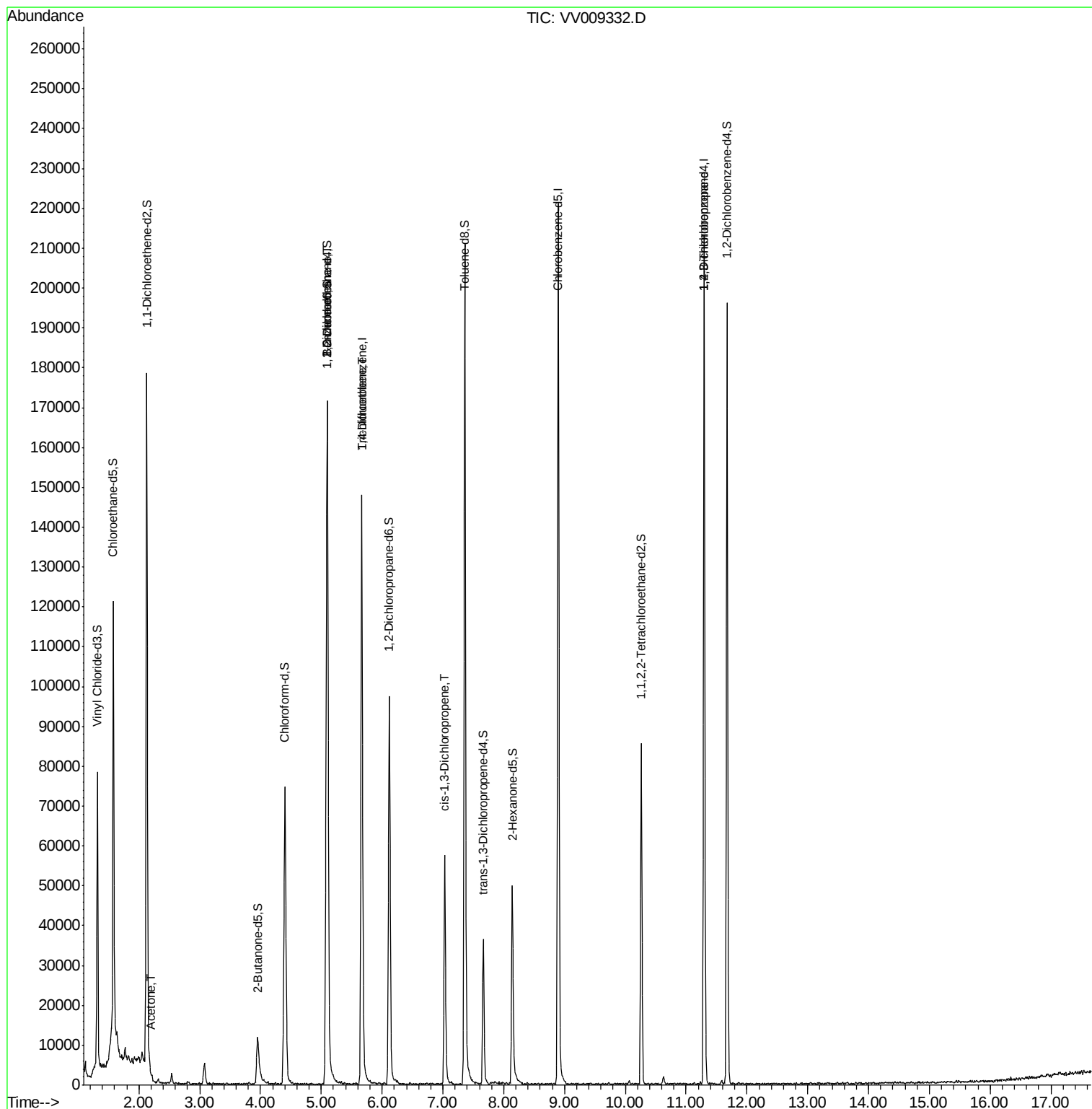
					Qvalue
13) Acetone	2.21	43	1101	1.803 ug/L	78
27) 1,2-Dichloroethane	5.09	62	659	0.310 ug/L #	72
35) Trichloroethene	5.67	95	3822	2.014 ug/L #	4
42) cis-1,3-Dichloropropene	7.03	75	1686	0.600 ug/L	99
59) 1,2,3-Trichloropropane	11.30	75	7456	5.001 ug/L	97

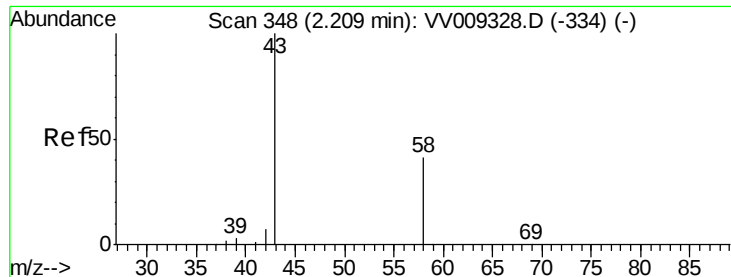
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.803 ug/L

RT: 2.21 min Scan# 348

Delta R.T. 0.00 min

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Acq: 22 Feb 2019 16:47

Instrument :

MSVOA_V

ClientSampleId :

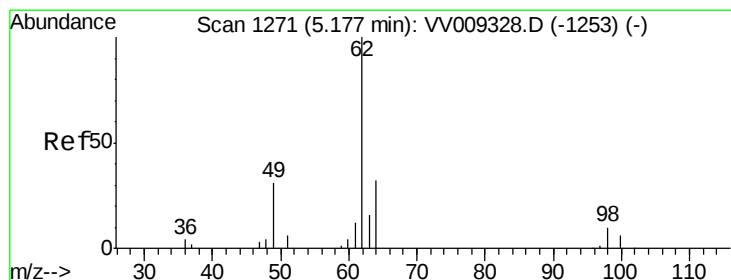
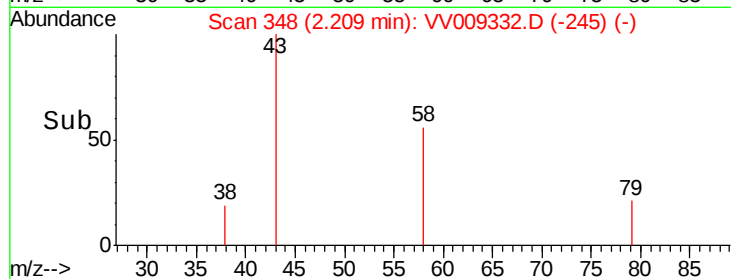
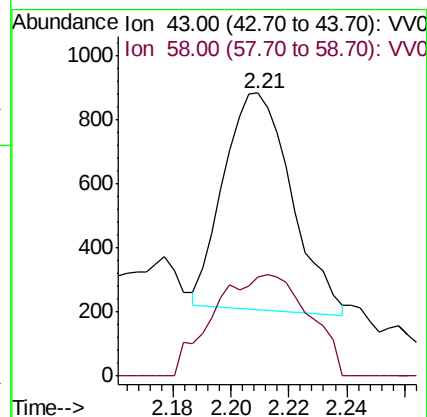
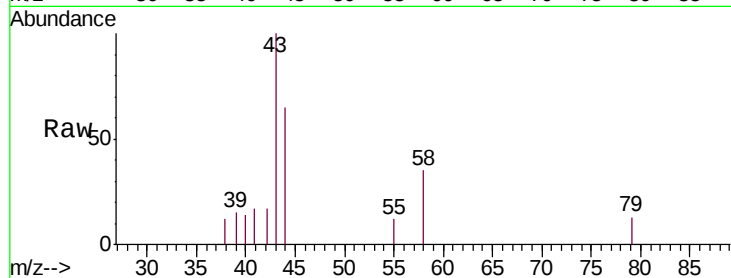
DB5Z8

Tgt Ion: 43 Resp: 1101

Ion Ratio Lower Upper

43 100

58 23.3 0.0 72.0



#27

1,2-Dichloroethane

Concen: 0.310 ug/L

RT: 5.09 min Scan# 1245

Delta R.T. -0.08 min

Lab File: VV009332.D

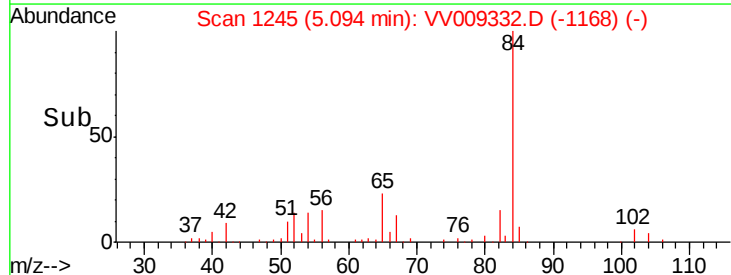
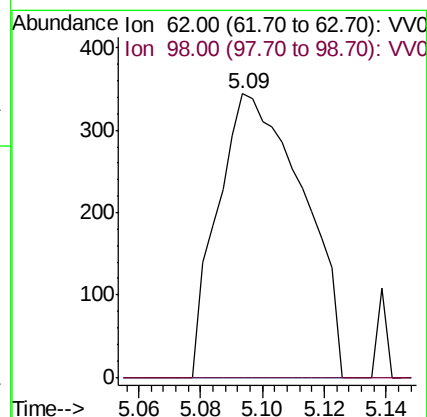
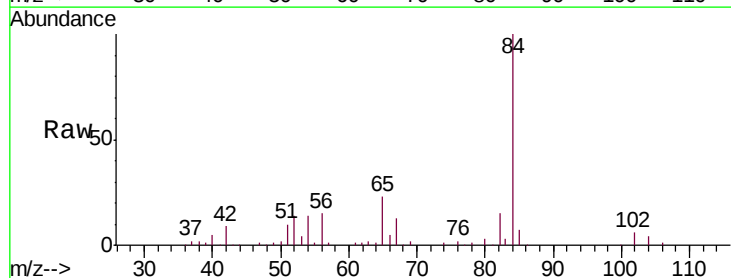
Acq: 22 Feb 2019 16:47

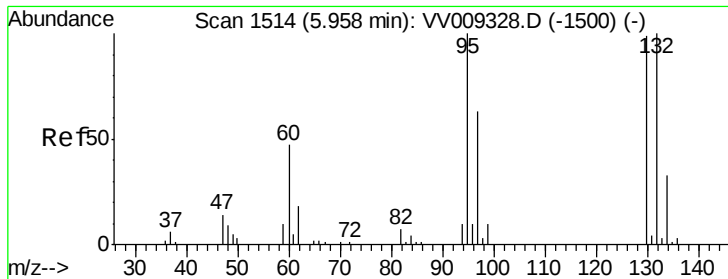
Tgt Ion: 62 Resp: 659

Ion Ratio Lower Upper

62 100

98 0.0 8.5 12.7#

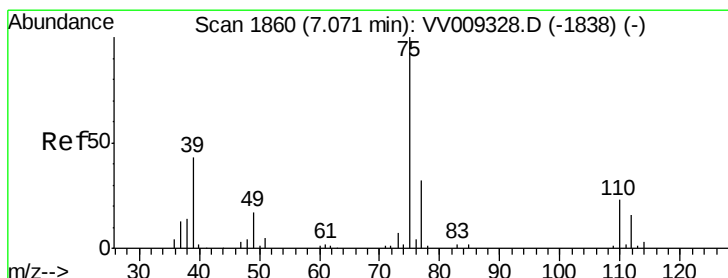
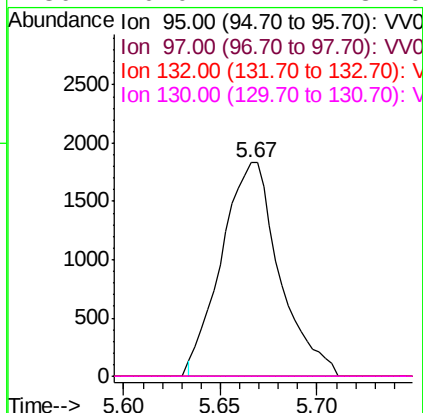
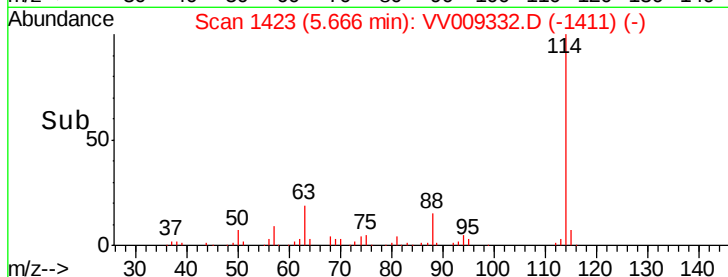
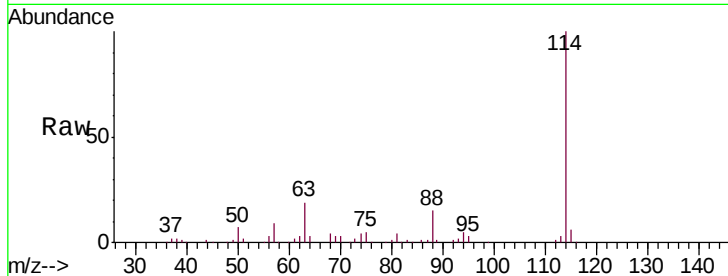




#35
 Trichloroethene
 Concen: 2.014 ug/L
 RT: 5.67 min Scan# 1423
 Delta R.T. -0.29 min
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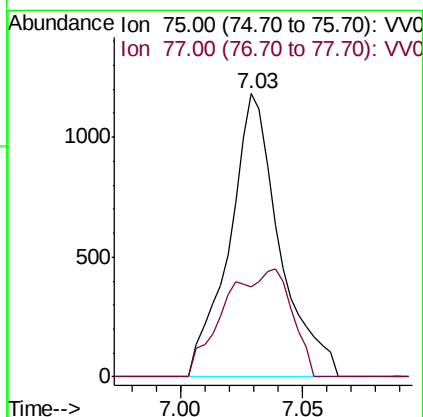
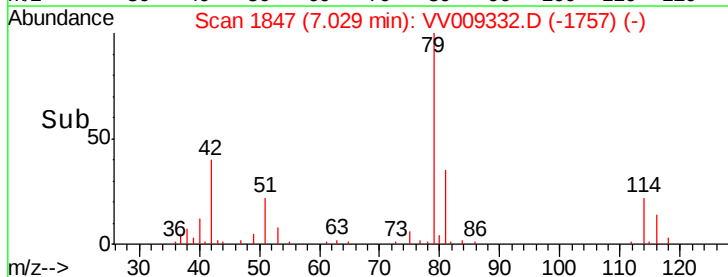
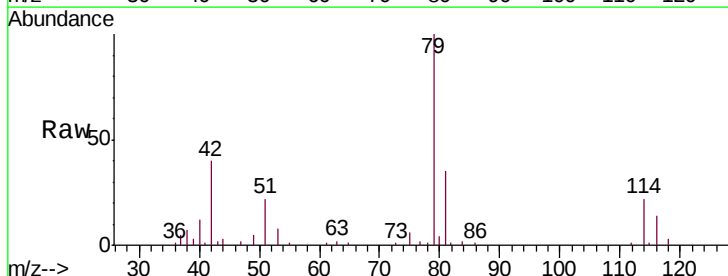
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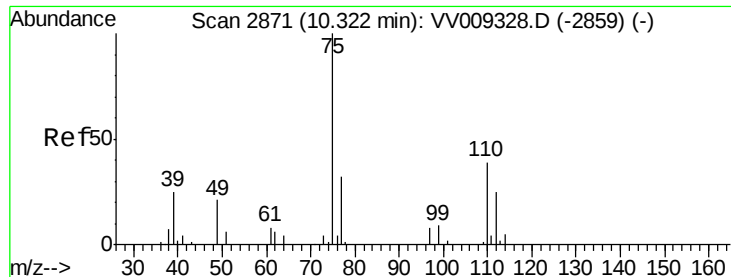
Tgt Ion: 95 Resp: 3822
 Ion Ratio Lower Upper
 95 100
 97 0.0 45.0 83.6#
 132 0.0 68.7 127.5#
 130 0.0 72.2 134.0#



#42
 cis-1,3-Dichloropropene
 Concen: 0.600 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV009332.D
 Acq: 22 Feb 2019 16:47

Tgt Ion: 75 Resp: 1686
 Ion Ratio Lower Upper
 75 100
 77 32.0 22.0 40.8





#59

1,2,3-Trichloropropane

Concen: 5.001 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.97 min

Lab File: VV009332.D

Acq: 22 Feb 2019 16:47

Instrument :

MSVOA_V

ClientSampleId :

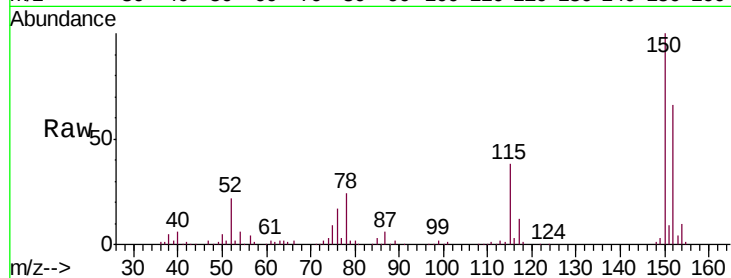
DB5Z8

Tgt Ion: 75 Resp: 7456

Ion Ratio Lower Upper

75 100

77 34.5 26.3 39.5



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

