

Data File : VV009396.D
Acq On : 27 Feb 2019 14:19
Operator : SY/MD
Sample : K1622-06
Misc : 2.77G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF5H9

Quant Time: Feb 28 04:36:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022619S.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 28 04:32:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	157592	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	138402	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	54625	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	38526	19.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.72%
7) Chloroethane-d5	1.58	69	62166	24.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.48%
10) 1,1-Dichloroethene-d2	2.13	63	86974	16.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.36%
20) 2-Butanone-d5	3.96	46	21079	35.29	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.58%
24) Chloroform-d	4.40	84	92241	24.13	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.52%
26) 1,2-Dichloroethane-d4	5.08	65	53457	25.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.12%
29) Benzene-d6	5.10	84	188933	25.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.72%
33) 1,2-Dichloropropane-d6	6.12	67	57486	26.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.64%
37) Toluene-d8	7.36	98	176824	25.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.20%
38) trans-1,3-Dichloropropene-	7.66	79	23301	21.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.48%
39) 2-Hexanone-d5	8.14	63	18840	41.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.58%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	46997	22.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.28%
61) 1,2-Dichlorobenzene-d4	11.68	152	48349	23.90	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.60%

Target Compounds

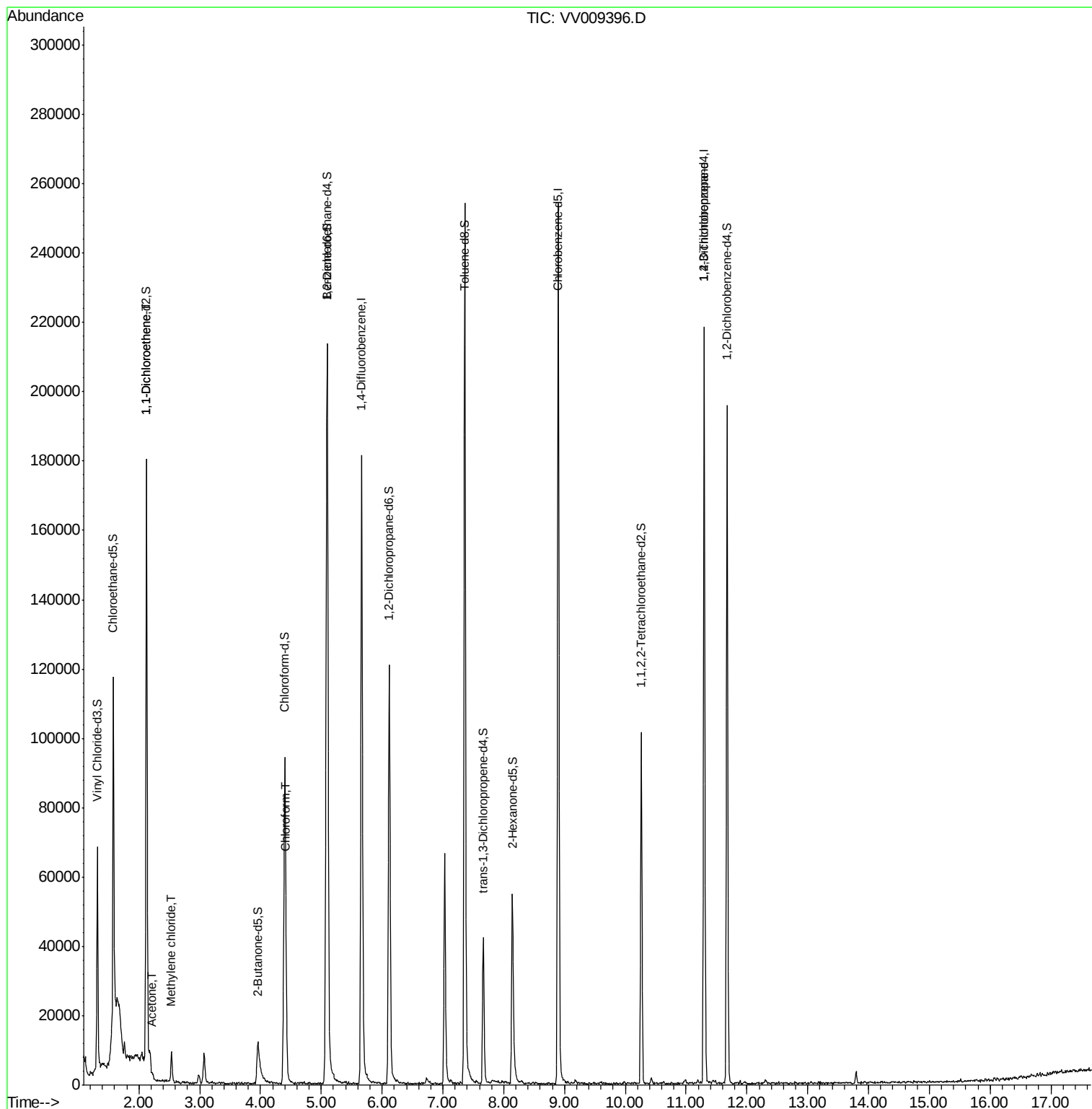
					Qvalue
12) 1,1-Dichloroethene	2.12	96	1053	0.465 ug/L #	1
13) Acetone	2.21	43	741	1.085 ug/L	98
16) Methylene chloride	2.53	84	3510	1.644 ug/L	90
25) Chloroform	4.43	83	1869	0.491 ug/L #	24
59) 1,2,3-Trichloropropane	11.30	75	7806	5.090 ug/L	89

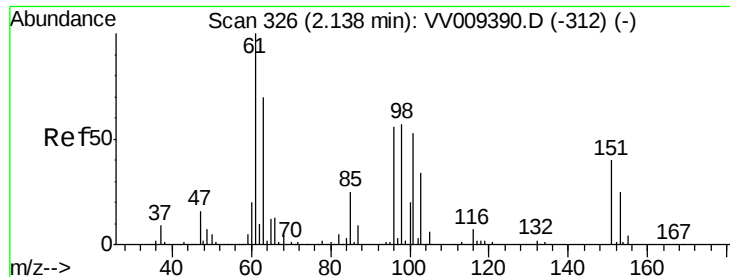
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.465 ug/L

RT: 2.12 min Scan# 321

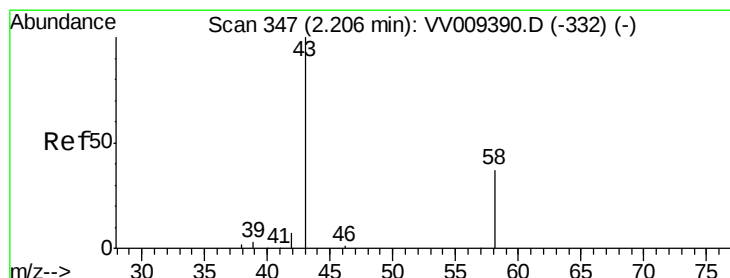
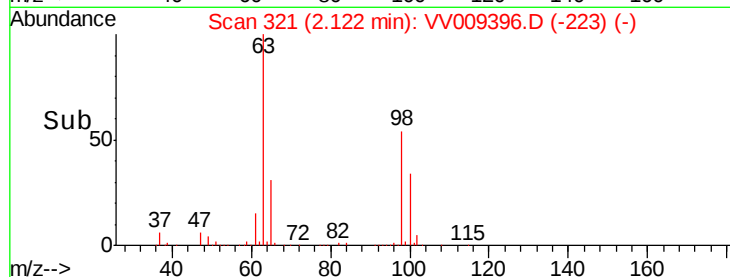
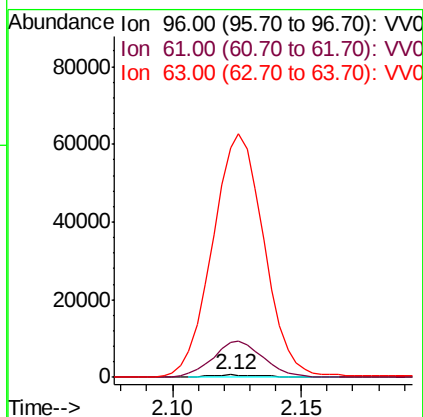
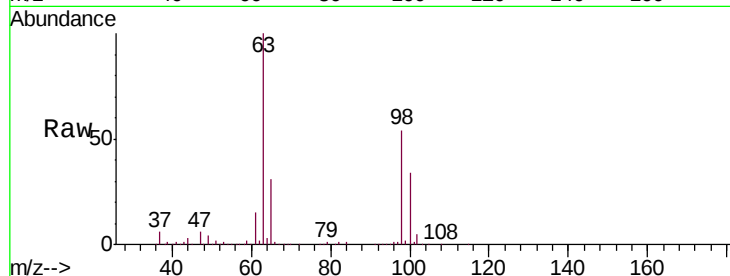
Delta R.T. -0.02 min

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MSVOA_V
ClientSampled :
BF5H9

Tgt Ion:	96	Resp:	1053
Ion	Ratio	Lower	Upper
96	100		
61	1436.7	136.9	254.3#
63	9364.6	108.7	201.9#



#13

Acetone

Concen: 1.085 ug/L

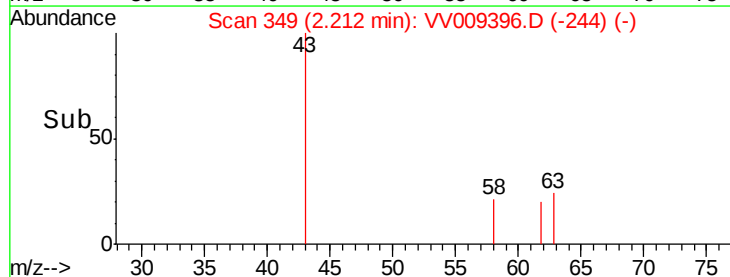
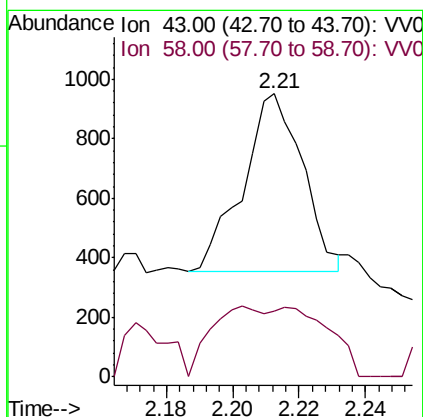
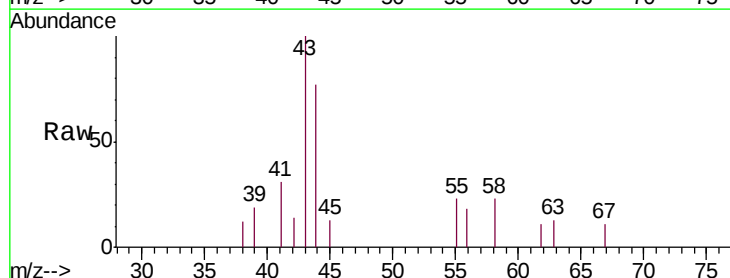
RT: 2.21 min Scan# 349

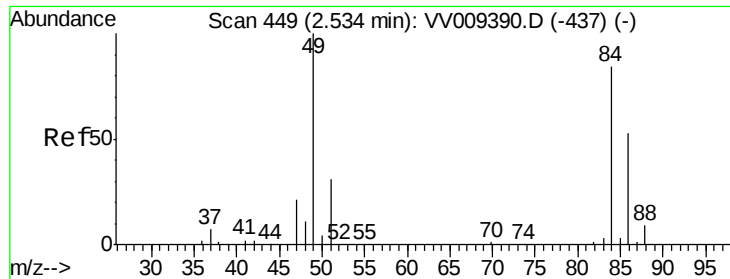
Delta R.T. 0.01 min

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Tgt Ion:	43	Resp:	741
Ion	Ratio	Lower	Upper
43	100		
58	35.5	0.0	68.8

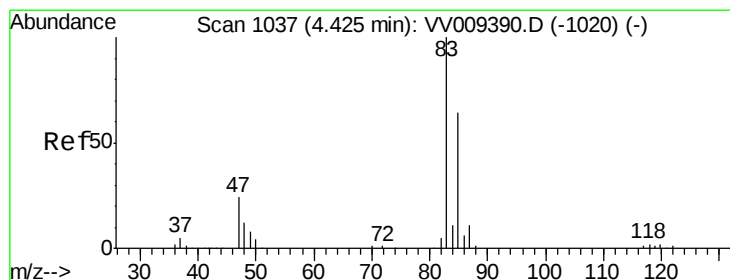
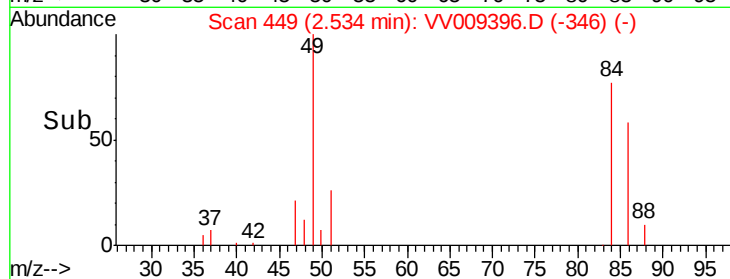
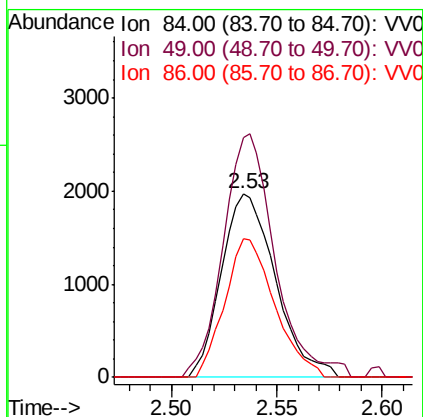
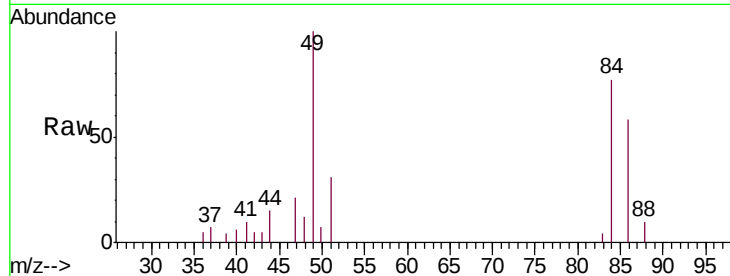




#16
Methylene chloride
Concen: 1.644 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
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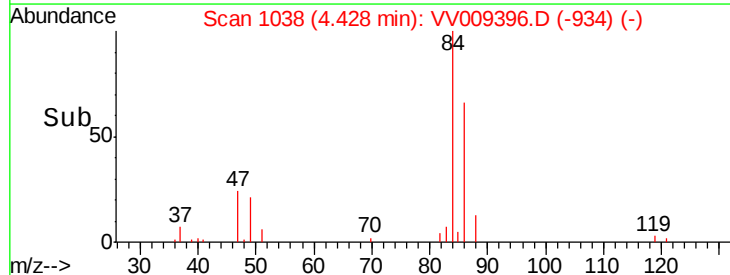
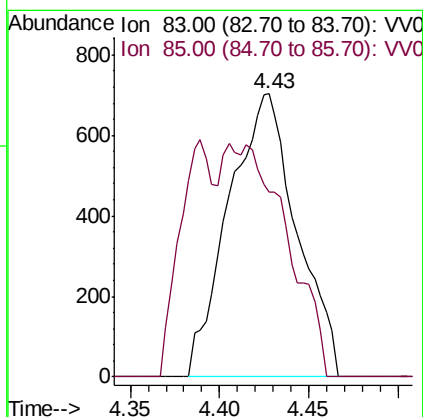
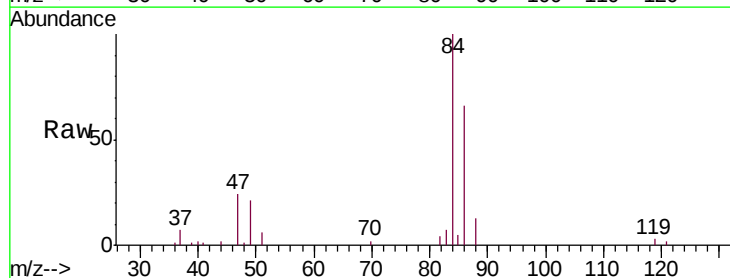
Instrument :
MSVOA_V
ClientSampled :
BF5H9

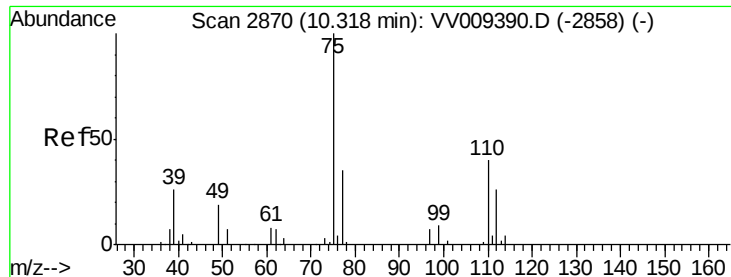
Tgt Ion: 84 Resp: 3510
Ion Ratio Lower Upper
84 100
49 130.2 84.6 157.0
86 75.5 46.1 85.7



#25
Chloroform
Concen: 0.491 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV009396.D
Acq: 27 Feb 2019 14:19

Tgt Ion: 83 Resp: 1869
Ion Ratio Lower Upper
83 100
85 5.2 45.4 84.2#





#59

1,2,3-Trichloropropane

Concen: 5.090 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV009396.D

Acq: 27 Feb 2019 14:19

Instrument :

MSVOA_V

ClientSampleId :

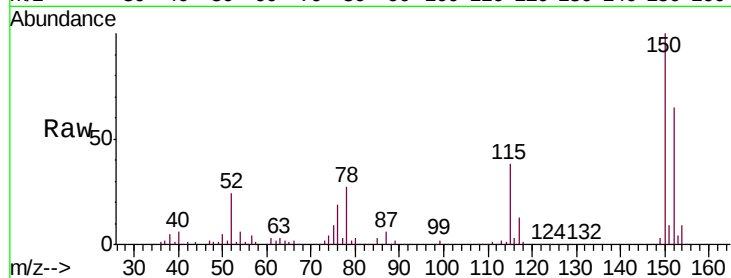
BF5H9

Tgt Ion: 75 Resp: 7806

Ion Ratio Lower Upper

75 100

77 38.8 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

