

Data File : VW017334.D
Acq On : 18 Nov 2020 17:55
Operator : SY/VA
Sample : L4711-20RE
Misc : 4.66G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0B05

Quant Time: Nov 19 05:06:19 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Thu Nov 19 05:03:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	388682	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	300728	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	94876	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	147226	25.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.32%
7) Chloroethane-d5	2.90	69	117233	25.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.60%
10) 1,1-Dichloroethene-d2	4.03	63	188994	18.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.12%
20) 2-Butanone-d5	7.09	46	34506	36.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.02%
24) Chloroform-d	7.65	84	239712	23.48	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.92%
26) 1,2-Dichloroethane-d4	8.31	65	112099	22.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.88%
29) Benzene-d6	8.27	84	478740	28.24	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.96%
33) 1,2-Dichloropropane-d6	9.28	67	125566	27.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.20%
37) Toluene-d8	10.33	98	423283	26.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.08%
38) trans-1,3-Dichloropropene-	10.58	79	41630	21.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.68%
39) 2-Hexanone-d5	10.93	63	25831	42.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.30%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	72431	21.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.64%
61) 1,2-Dichlorobenzene-d4	13.86	152	83649	23.88	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.52%

Target Compounds

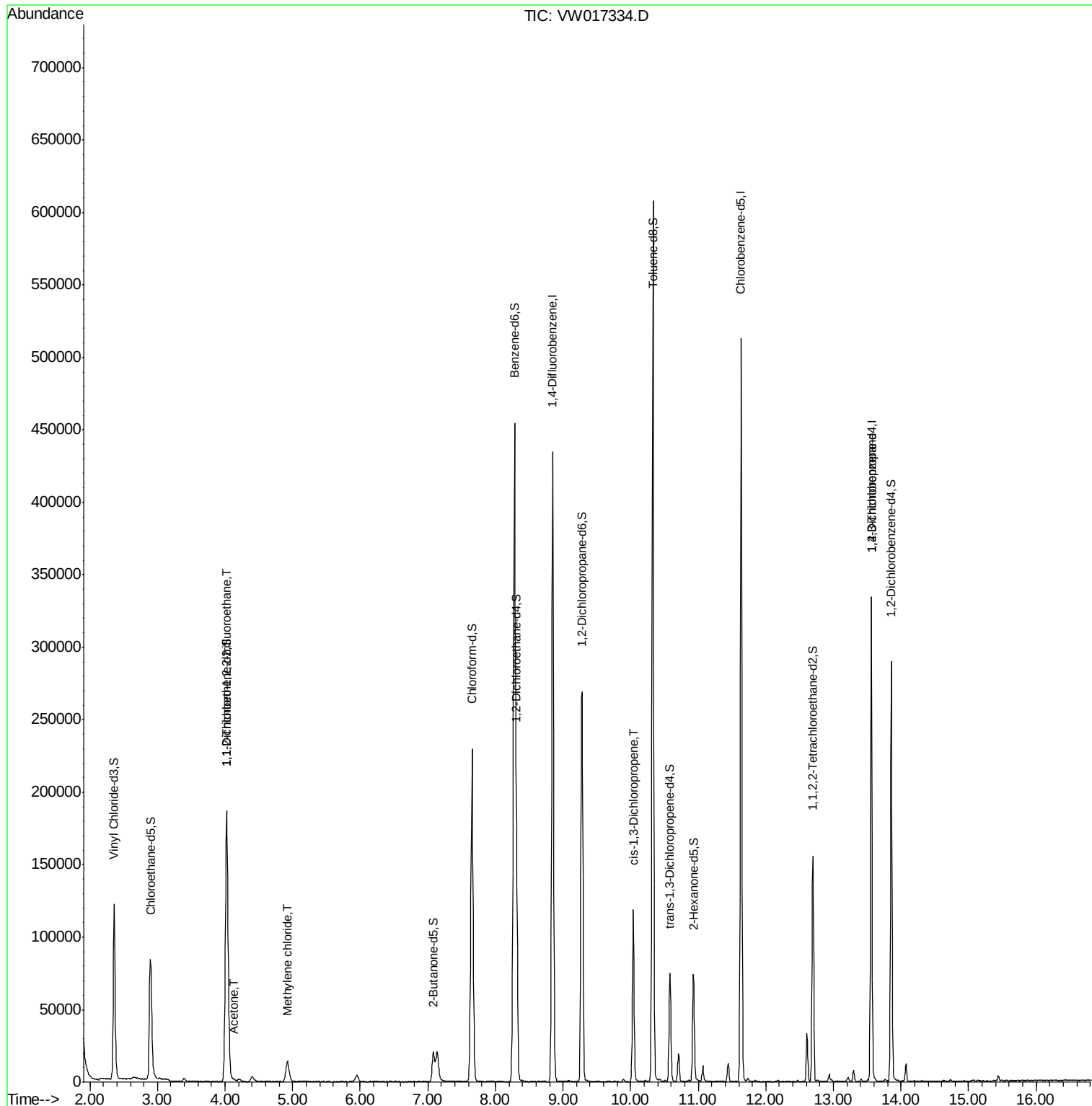
					Qvalue	
11) 1,1,2-Trichloro-1,2,2-trif	4.03	101	2033	0.382	ug/L #	16
13) Acetone	4.12	43	753	1.092	ug/L	92
16) Methylene chloride	4.92	84	12538	1.886	ug/L	97
42) cis-1,3-Dichloropropene	10.04	75	3242	0.544	ug/L #	75
59) 1,2,3-Trichloropropane	13.55	75	9660	4.079	ug/L	95

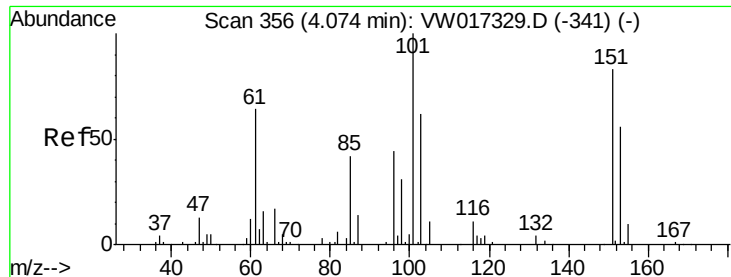
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

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

Concen: 0.382 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.05 min

Lab File: VW017334.D

Acq: 18 Nov 2020 17:55

Instrument :

MSVOA_W

ClientSampled :

C0B05

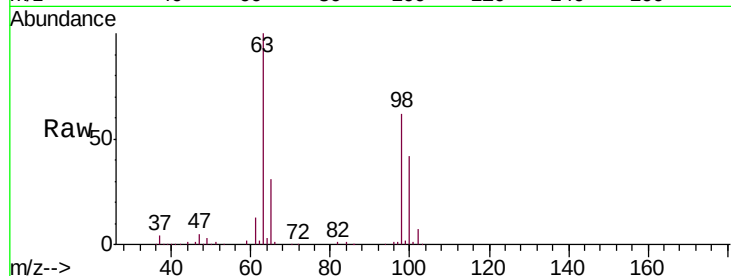
Tgt Ion: 101 Resp: 2033

Ion Ratio Lower Upper

101 100

85 0.0 34.6 51.8#

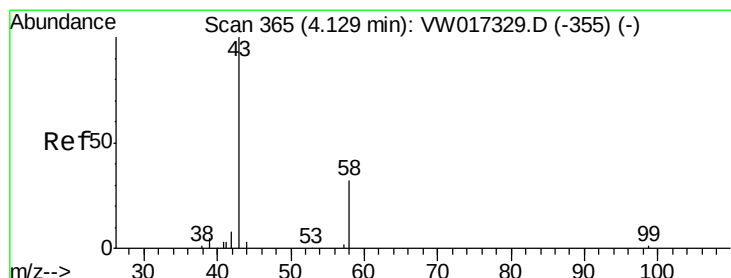
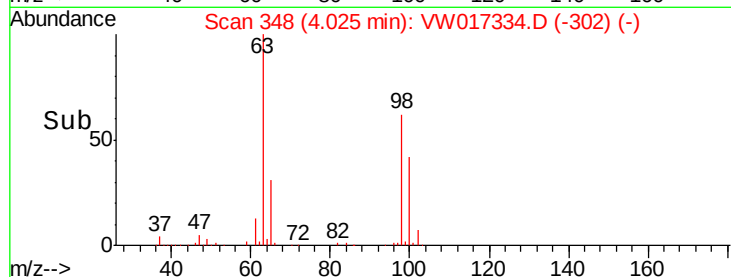
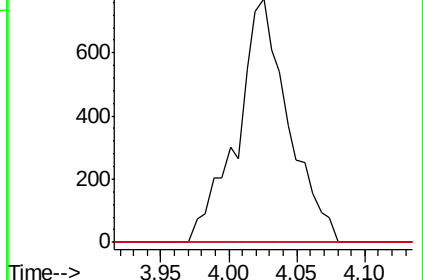
151 0.0 66.3 99.5#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 1.092 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

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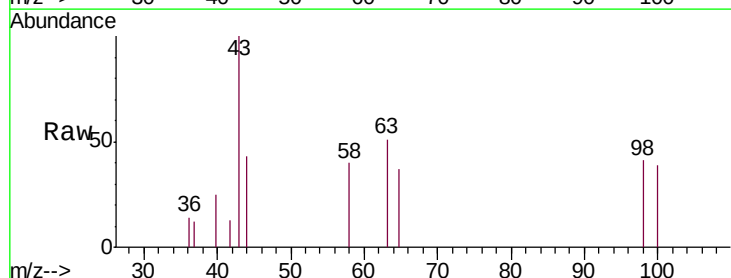
Acq: 18 Nov 2020 17:55

Tgt Ion: 43 Resp: 753

Ion Ratio Lower Upper

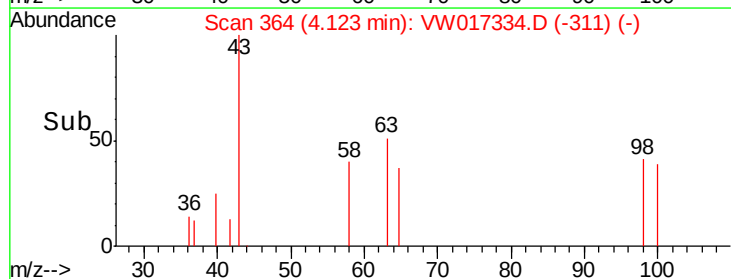
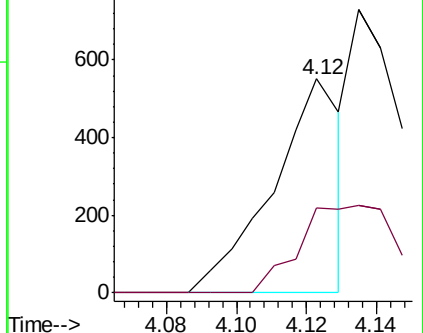
43 100

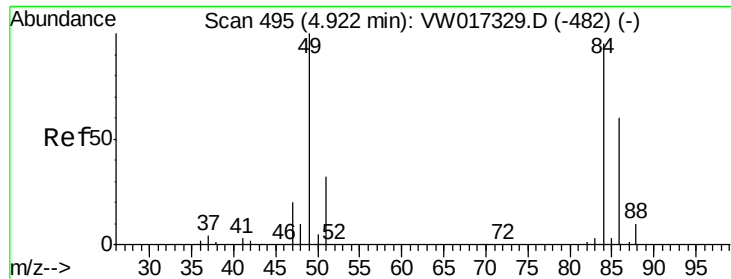
58 28.8 0.0 67.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

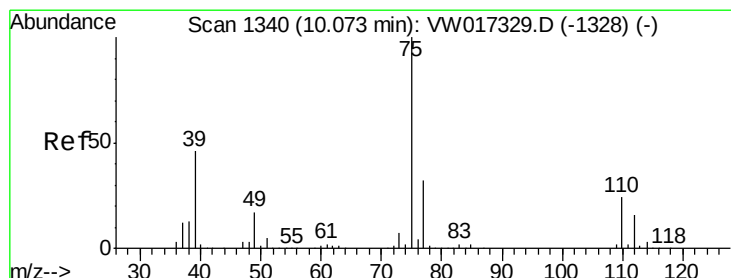
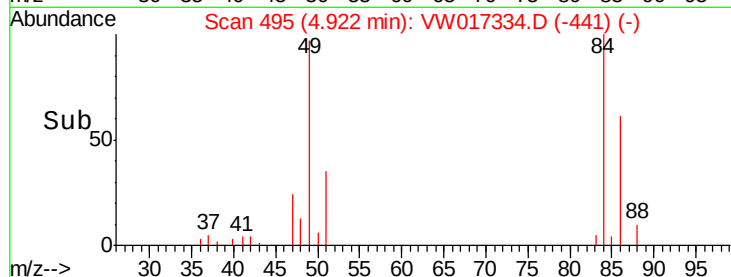
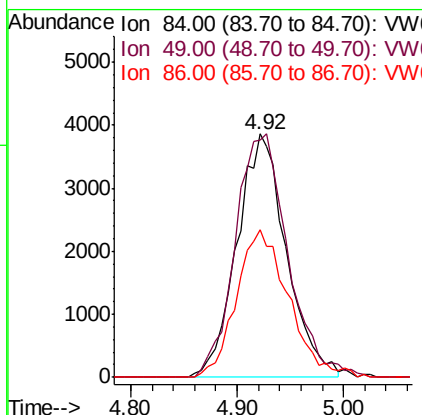
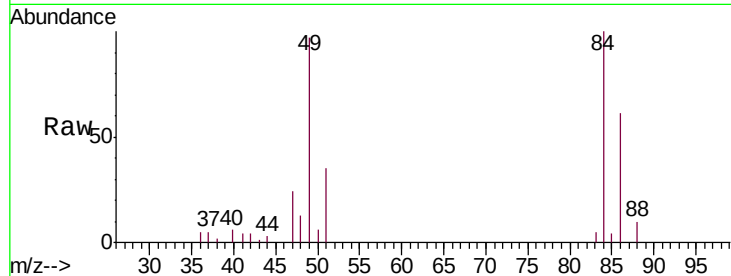




#16
Methylene chloride
Concen: 1.886 ug/L
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
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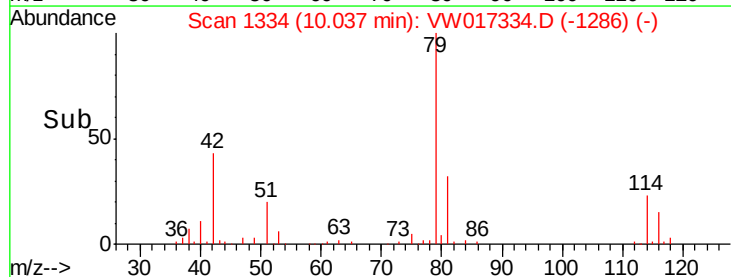
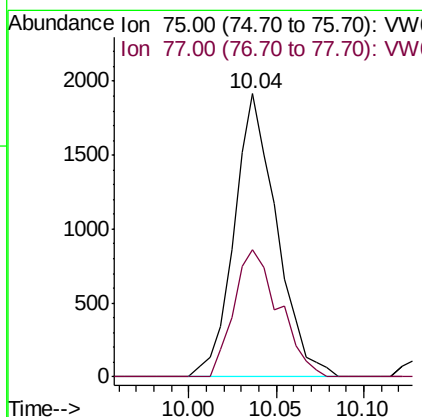
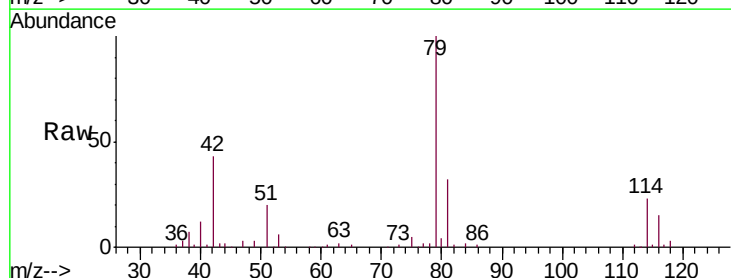
Instrument :
MSVOA_W
ClientSampleId :
C0B05

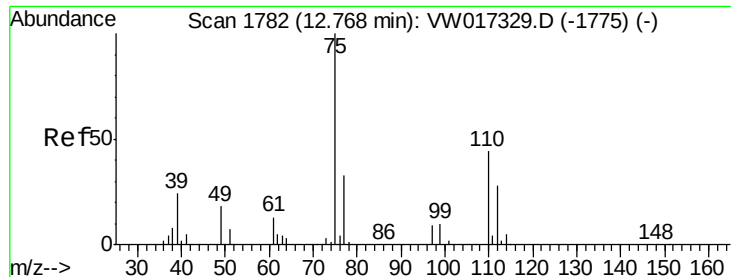
Tgt Ion: 84 Resp: 12538
Ion Ratio Lower Upper
84 100
49 97.3 71.5 132.9
86 60.9 42.8 79.4



#42
cis-1,3-Dichloropropene
Concen: 0.544 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW017334.D
Acq: 18 Nov 2020 17:55

Tgt Ion: 75 Resp: 3242
Ion Ratio Lower Upper
75 100
77 44.9 21.8 40.4#





#59

1,2,3-Trichloropropane

Concen: 4.079 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW017334.D

Acq: 18 Nov 2020 17:55

Instrument :

MSVOA_W

ClientSampleId :

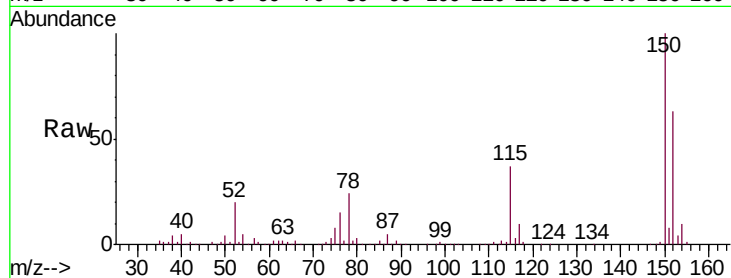
C0B05

Tgt Ion: 75 Resp: 9660

Ion Ratio Lower Upper

75 100

77 36.2 26.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

