

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100918\
 Data File : VW005945.D
 Acq On : 09 Oct 2018 16:28
 Operator : SY/AP
 Sample : J5182-20
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 10 07:55:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 10 07:48:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	398648	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	372752	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	198930	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	88561	19.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.80%
7) Chloroethane-d5	2.89	69	77930	20.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.56%
10) 1,1-Dichloroethene-d2	4.01	63	131590	15.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.96%
20) 2-Butanone-d5	7.08	46	62542	41.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.94%
24) Chloroform-d	7.65	84	184719	21.39	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.56%
26) 1,2-Dichloroethane-d4	8.31	65	107810	22.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.28%
29) Benzene-d6	8.27	84	378406	22.36	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.44%
33) 1,2-Dichloropropane-d6	9.27	67	112565	22.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.16%
37) Toluene-d8	10.33	98	375946	22.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.84%
38) trans-1,3-Dichloropropene-	10.58	79	53014	21.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.44%
39) 2-Hexanone-d5	10.93	63	52764	42.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.50%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	105790	21.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.20%
61) 1,2-Dichlorobenzene-d4	13.86	152	154876	22.71	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.84%

Target Compounds

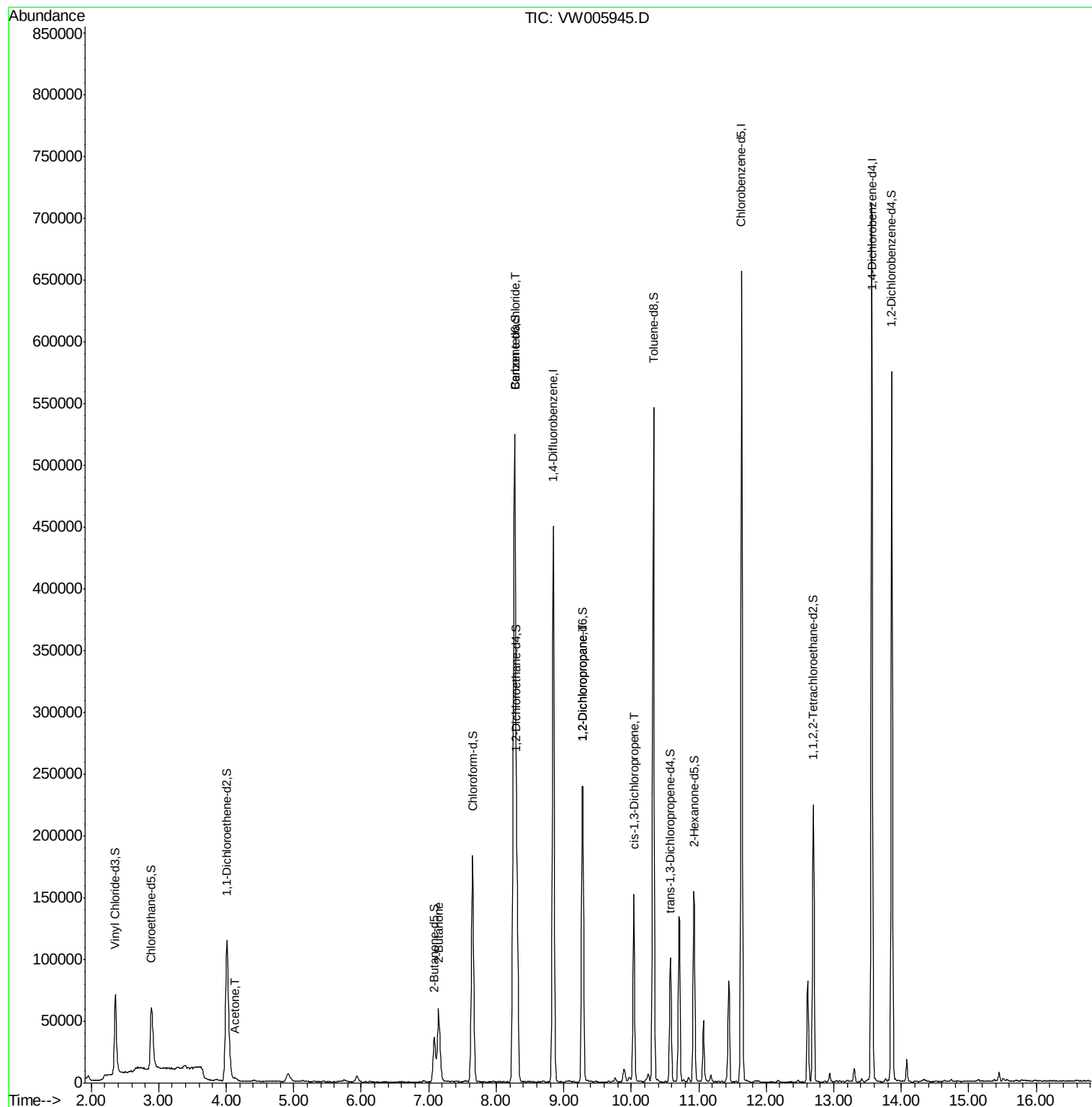
					Ovalue
13) Acetone	4.12	43	2113	1.404 ug/L	97
21) 2-Butanone	7.15	43	2364	1.182 ug/L #	57
32) Carbon tetrachloride	8.27	117	3352	0.438 ug/L #	33
40) 1,2-Dichloropropane	9.28	63	13098	2.759 ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	4002	0.516 ug/L #	71

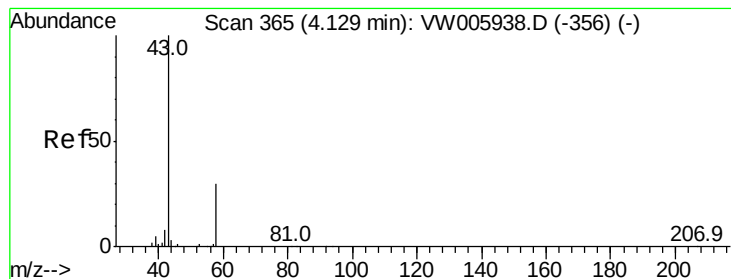
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 1.404 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW005945.D

Acq: 09 Oct 2018 16:28

Instrument :

MSVOA_W

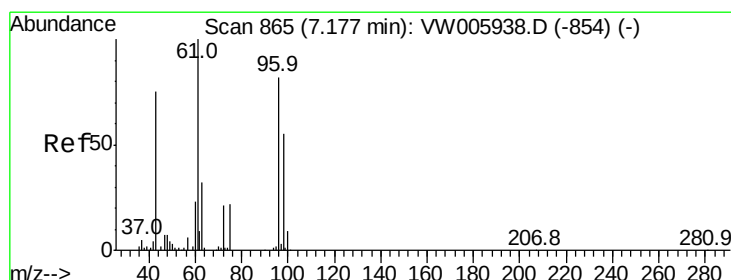
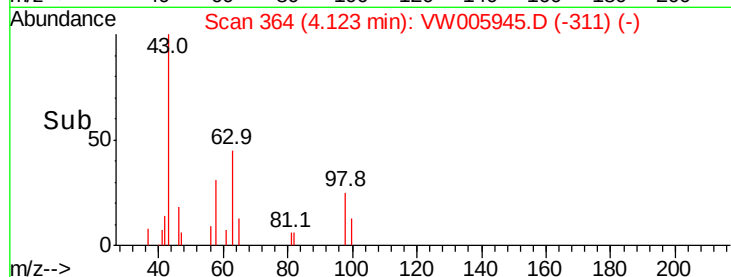
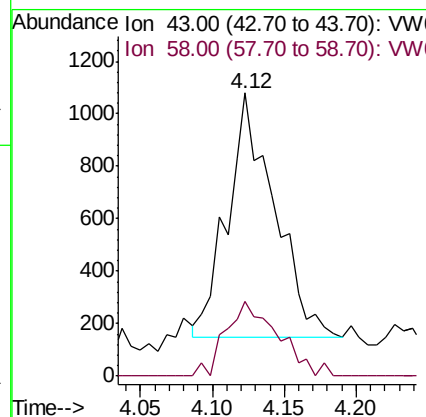
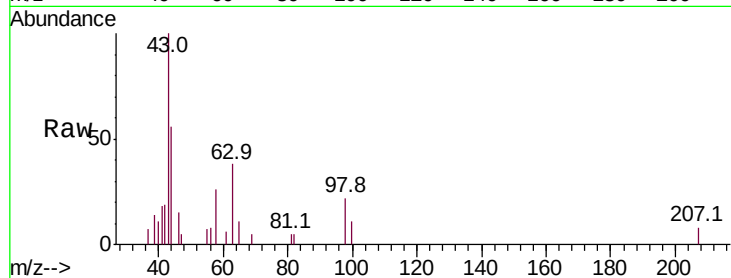
ClientSampled :

Tot Ion: 43 Resp: 2113

Ion Ratio Lower Upper

43 100

58 32.4 0.0 61.2



#21

2-Butanone

Concen: 1.182 ug/L

RT: 7.15 min Scan# 860

Delta R.T. -0.03 min

Lab File: VW005945.D

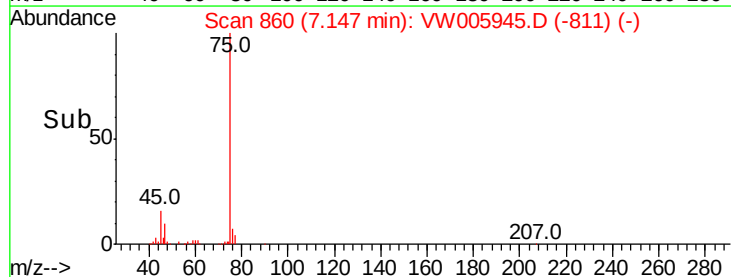
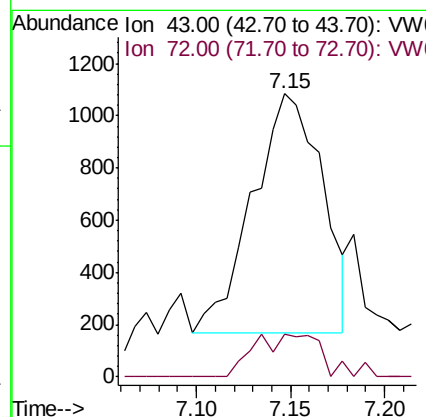
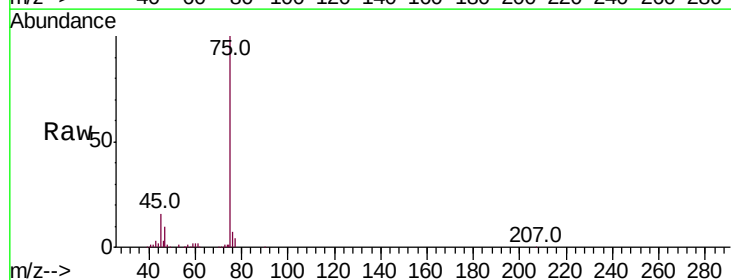
Acq: 09 Oct 2018 16:28

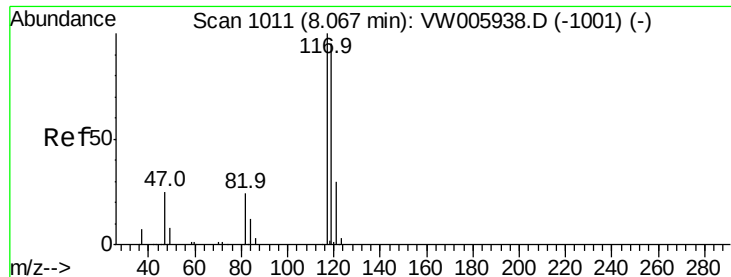
Tgt Ion: 43 Resp: 2364

Ion Ratio Lower Upper

43 100

72 4.9 13.8 41.4#





#32

Carbon tetrachloride

Concen: 0.438 ug/L

RT: 8.27 min Scan# 1044

Delta R.T. 0.20 min

Lab File: VW005945.D

Acq: 09 Oct 2018 16:28

Instrument :

MSVOA_W

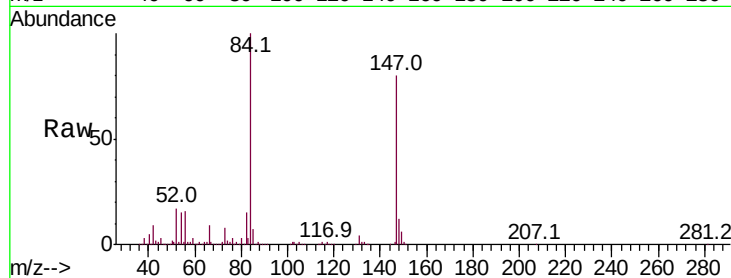
ClientSampled :

Tot Ion:117 Resp: 3352

Ion Ratio Lower Upper

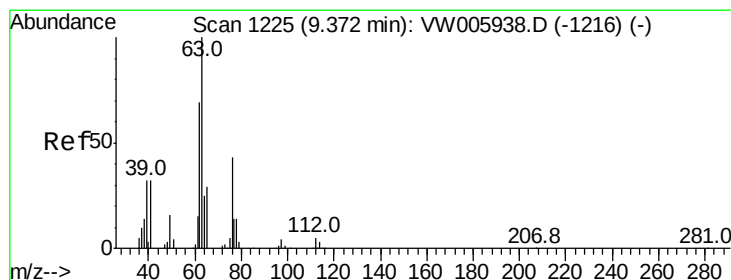
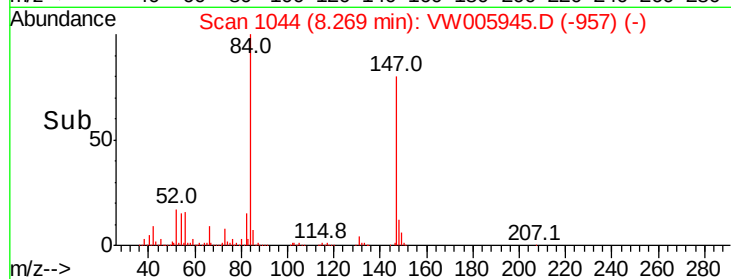
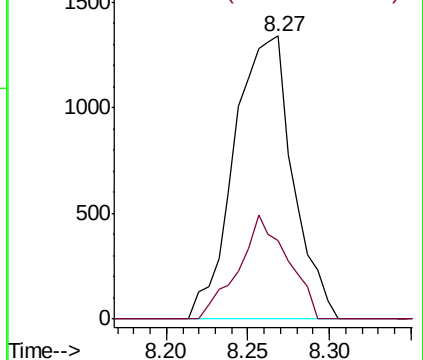
117 100

119 30.9 76.9 115.3#



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#40

1,2-Dichloropropane

Concen: 2.759 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW005945.D

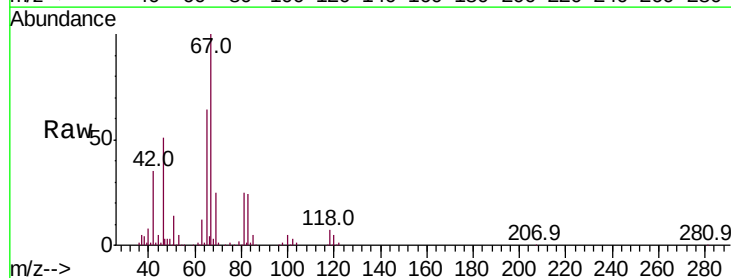
Acq: 09 Oct 2018 16:28

Tgt Ion: 63 Resp: 13098

Ion Ratio Lower Upper

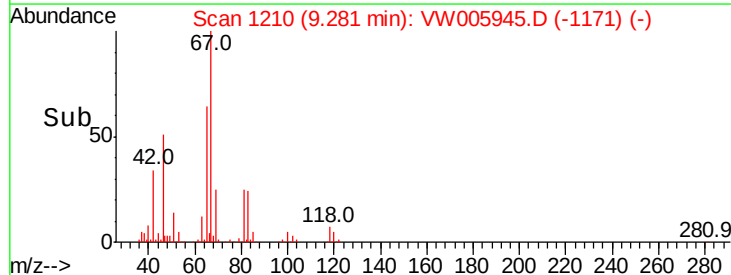
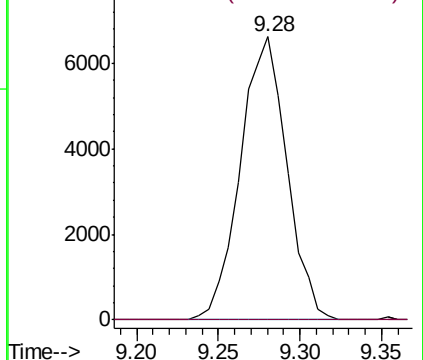
63 100

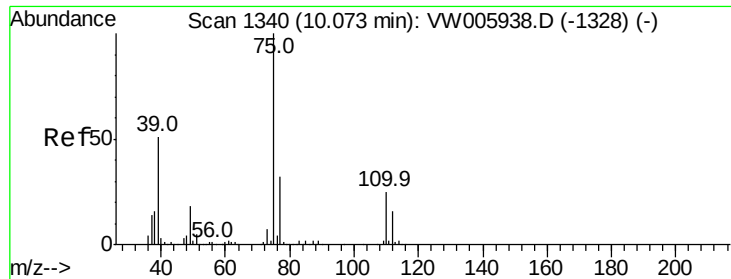
112 0.0 3.5 5.3#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#42

cis-1,3-Dichloropropene

Concen: 0.516 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW005945.D

Acq: 09 Oct 2018 16:28

Instrument :

MSVOA_W

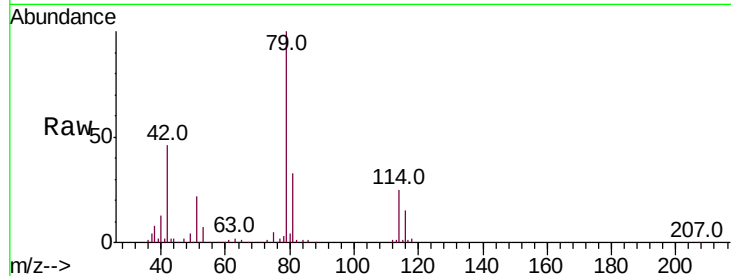
ClientSampleId :

Tot Ion: 75 Resp: 4002

Ion Ratio Lower Upper

75 100

77 48.4 22.6 42.0#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

