

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071619\
 Data File : VW011293.D
 Acq On : 16 Jul 2019 18:27
 Operator : SY/VA
 Sample : K3798-16
 Misc : 6.08G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A52G4

Quant Time: Jul 17 09:01:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 17 07:20:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	323631	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	292369	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	129102	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	66576	13.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.88%
7) Chloroethane-d5	2.88	69	55384	15.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.88%
10) 1,1-Dichloroethene-d2	4.01	63	128274	12.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.04%
20) 2-Butanone-d5	7.07	46	108317	55.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.28%
24) Chloroform-d	7.65	84	180292	20.32	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.28%
26) 1,2-Dichloroethane-d4	8.30	65	119790	21.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.72%
29) Benzene-d6	8.27	84	351475	19.51	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.04%
33) 1,2-Dichloropropane-d6	9.27	67	126661	21.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.40%
37) Toluene-d8	10.32	98	297497	18.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.12%
38) trans-1,3-Dichloropropene-	10.58	79	48151	19.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.24%
39) 2-Hexanone-d5	10.93	63	76186	56.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.28%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	124864	25.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	104737	21.14	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.56%

Target Compounds

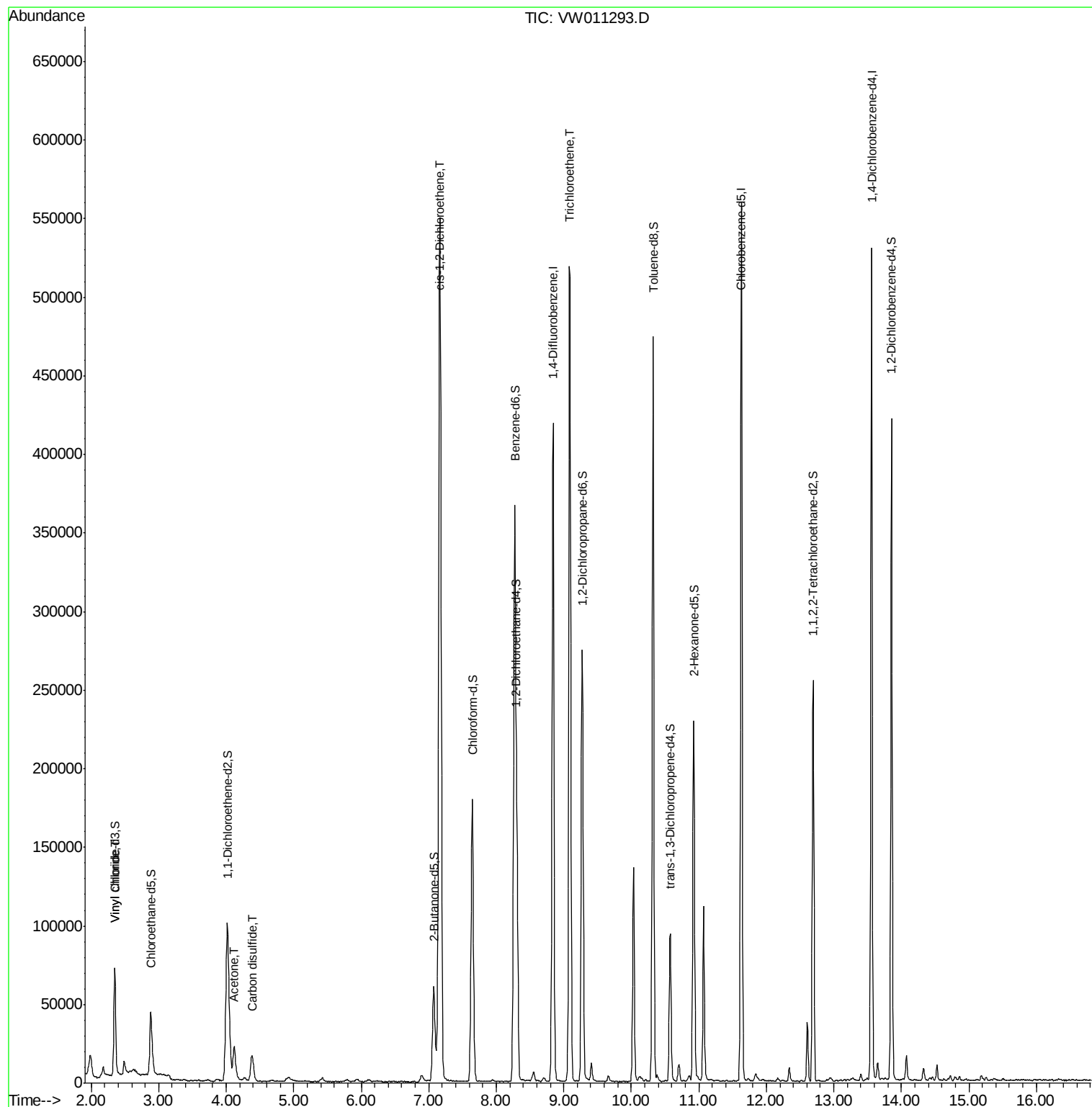
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	2.35	62	10266	1.820	ug/L	# 75
13) Acetone	4.12	43	37455	19.699	ug/L	98
14) Carbon disulfide	4.38	76	35188	2.892	ug/L	97
22) cis-1,2-Dichloroethene	7.16	96	302403	65.005	ug/L	98
35) Trichloroethene	9.09	95	180805	39.211	ug/L	99

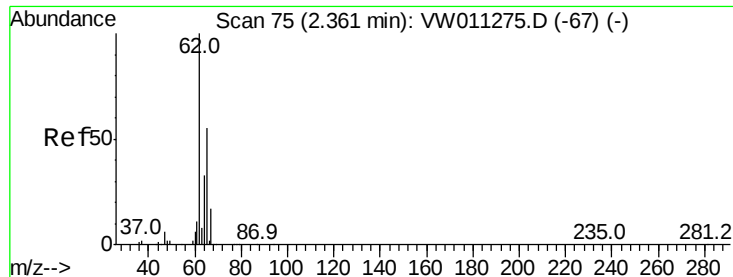
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 17 07:20:32 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.820 ug/L

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW011293.D

Acq: 16 Jul 2019 18:27

Instrument :

MSVOA_W

ClientSampled :

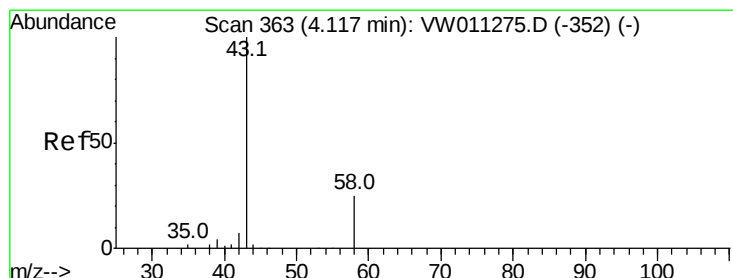
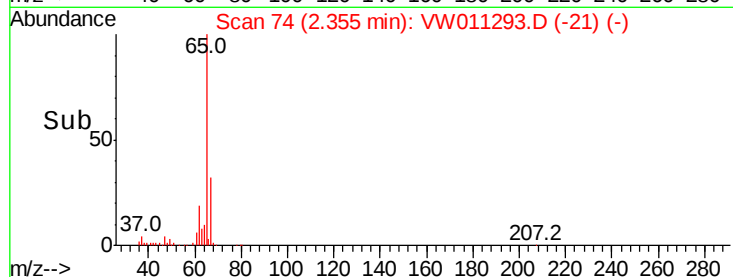
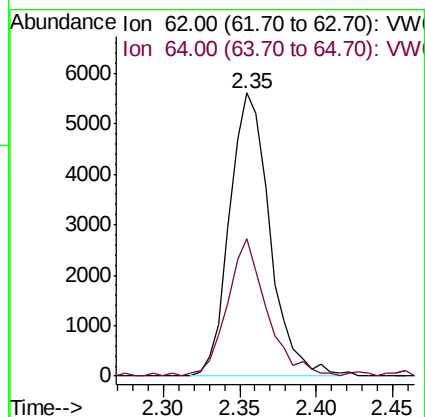
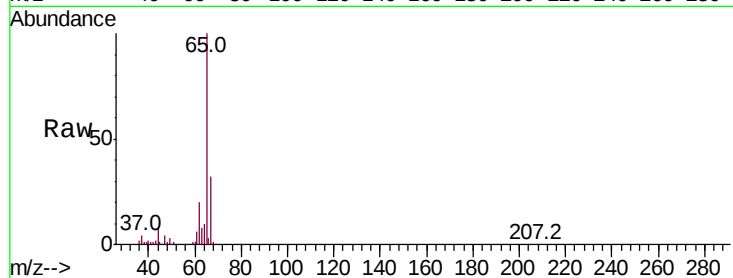
A52G4

Tot Ion: 62 Resp: 10266

Ion Ratio Lower Upper

62 100

64 48.7 23.9 44.3#



#13

Acetone

Concen: 19.699 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW011293.D

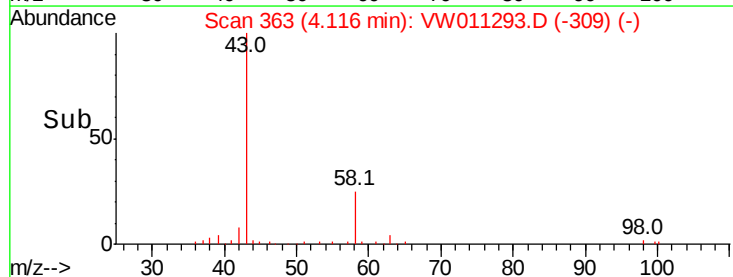
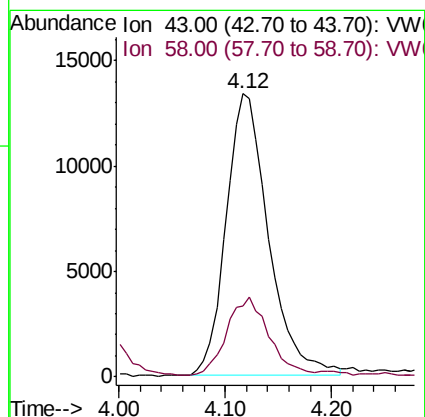
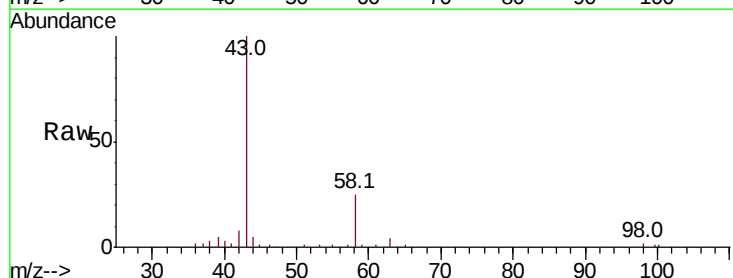
Acq: 16 Jul 2019 18:27

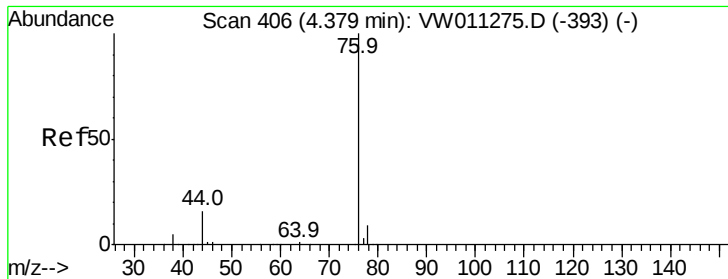
Tgt Ion: 43 Resp: 37455

Ion Ratio Lower Upper

43 100

58 28.6 0.0 55.0





#14

Carbon disulfide

Concen: 2.892 ug/L

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

Lab File: VW011293.D

Acq: 16 Jul 2019 18:27

Instrument :

MSVOA_W

ClientSampled :

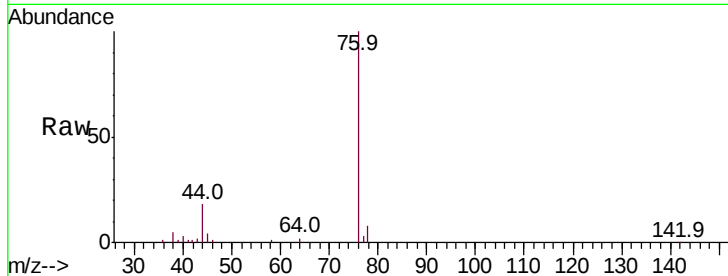
A52G4

Tot Ion: 76 Resp: 35188

Ion Ratio Lower Upper

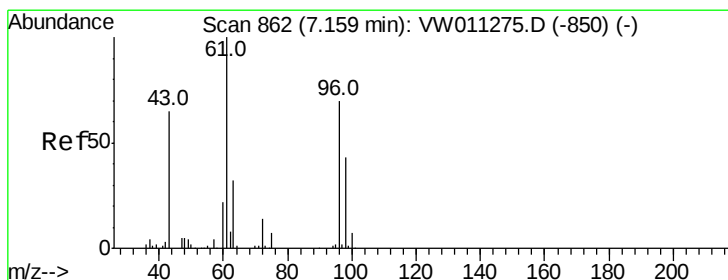
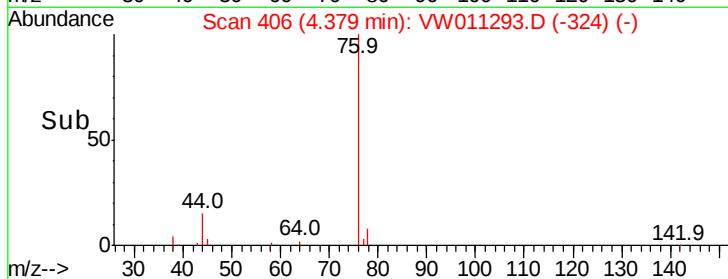
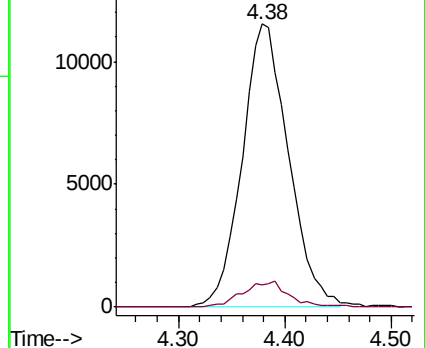
76 100

78 8.0 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW



#22

cis-1,2-Dichloroethene

Concen: 65.005 ug/L

RT: 7.16 min Scan# 863

Delta R.T. 0.01 min

Lab File: VW011293.D

Acq: 16 Jul 2019 18:27

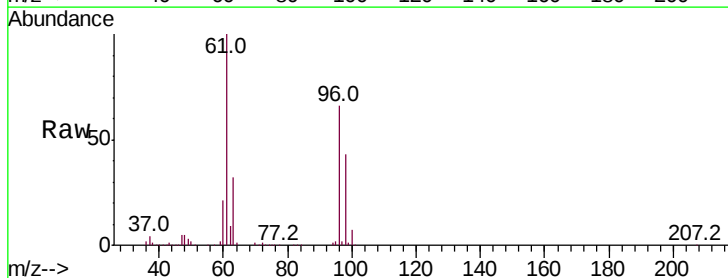
Tgt Ion: 96 Resp: 302403

Ion Ratio Lower Upper

96 100

61 151.2 103.2 191.6

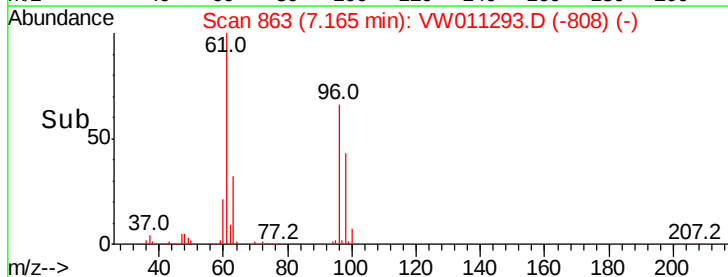
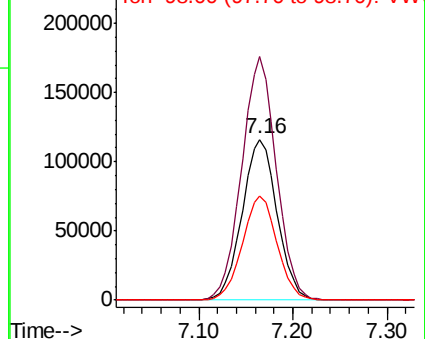
98 64.4 44.8 83.2

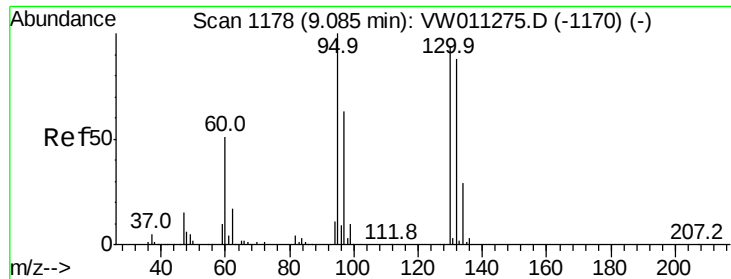


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 98.00 (97.70 to 98.70): VW





#35

Trichloroethene

Concen: 39.211 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.01 min

Lab File: VW011293.D

Acq: 16 Jul 2019 18:27

Instrument :

MSVOA_W

ClientSampleId :

A52G4

Tot Ion: 95 Resp: 180805

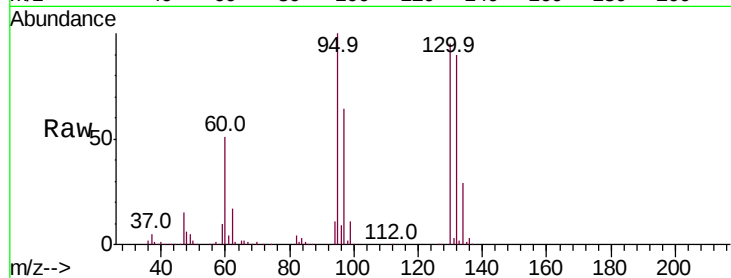
Ion Ratio Lower Upper

95 100

97 63.8 45.4 84.2

132 91.5 65.0 120.8

130 96.0 67.8 126.0



Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

