

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110520\
 Data File : VW017091.D
 Acq On : 05 Nov 2020 15:56
 Operator : SY/VA
 Sample : L4543-09
 Misc : 5.02G/10ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 06 04:17:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 06 04:09:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	497480	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	457631	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	221251	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	157663	25.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.64%
7) Chloroethane-d5	2.89	69	119556	24.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.04%
10) 1,1-Dichloroethene-d2	4.03	63	200852	17.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.68%
20) 2-Butanone-d5	7.08	46	69150	49.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.70%
24) Chloroform-d	7.65	84	278771	24.00	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	8.31	65	147972	25.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.52%
29) Benzene-d6	8.28	84	568972	24.41	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.64%
33) 1,2-Dichloropropane-d6	9.28	67	160264	24.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.44%
37) Toluene-d8	10.33	98	525077	23.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.60%
38) trans-1,3-Dichloropropene-	10.58	79	68318	23.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.04%
39) 2-Hexanone-d5	10.93	63	56912	50.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.18%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	142487	25.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	202614	25.99	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.96%

Target Compounds

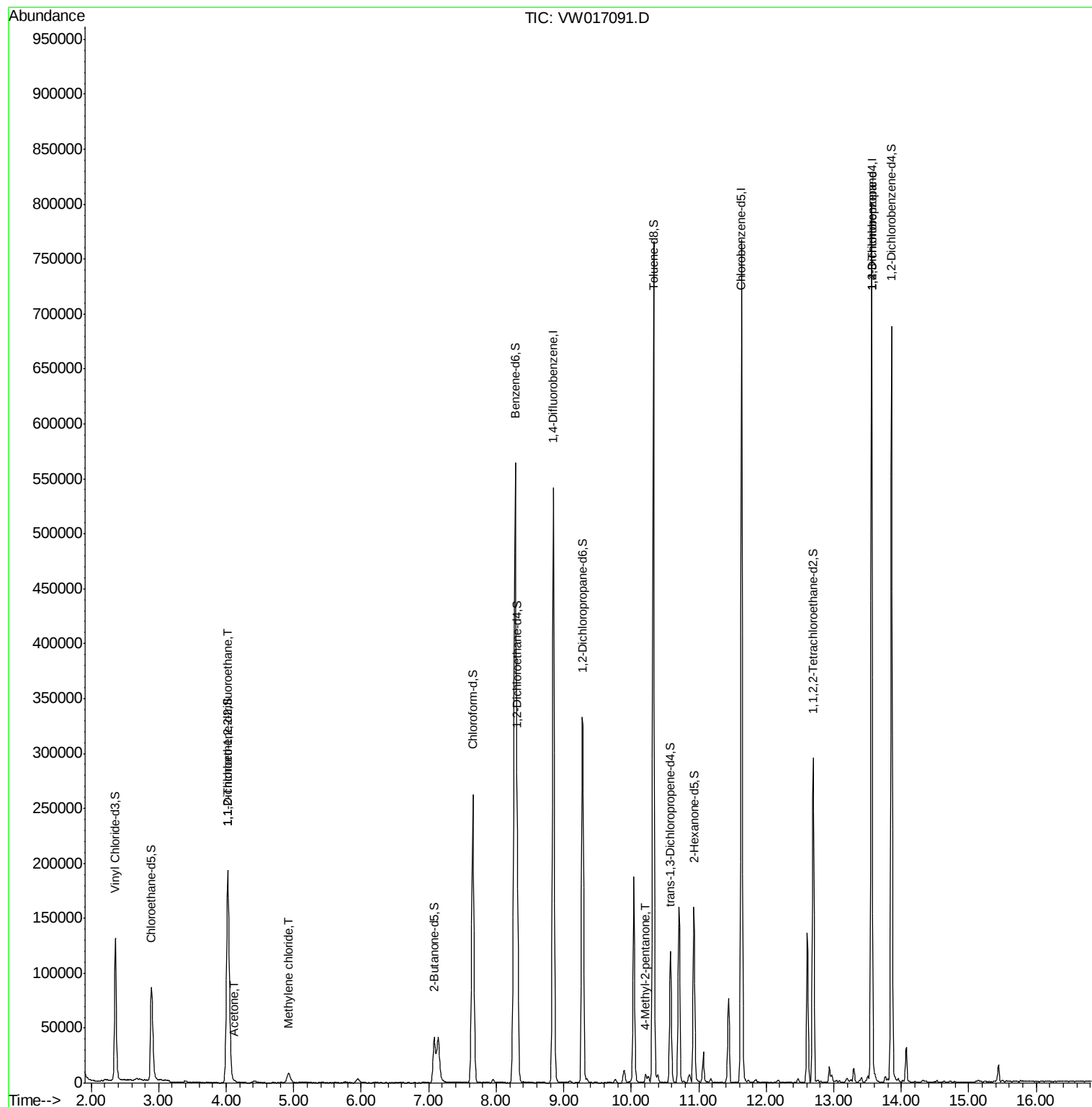
					Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.03	101	2236	0.348 ug/L	# 18
13) Acetone	4.12	43	439	0.468 ug/L	49
16) Methylene chloride	4.92	84	7983	1.190 ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	5279	1.523 ug/L	98
59) 1,2,3-Trichloropropane	13.56	75	22825	5.676 ug/L	96

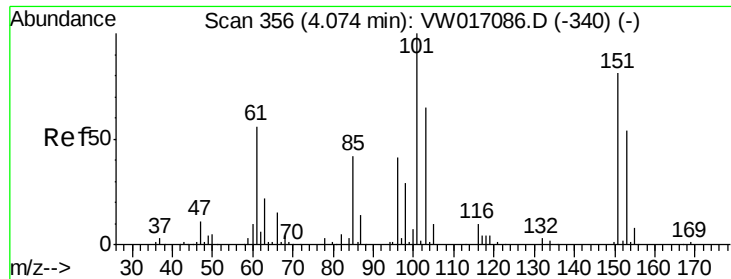
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

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

Concen: 0.348 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.05 min

Lab File: VW017091.D

Acq: 05 Nov 2020 15:56

Instrument :

MSVOA_W

ClientSampled :

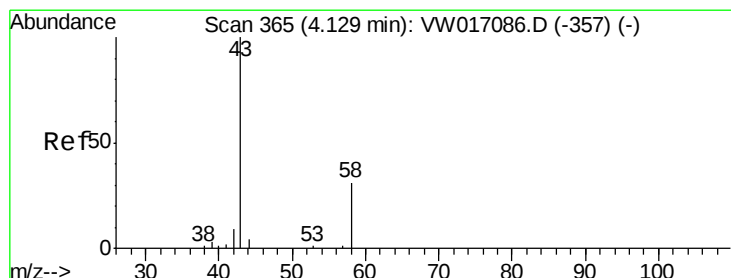
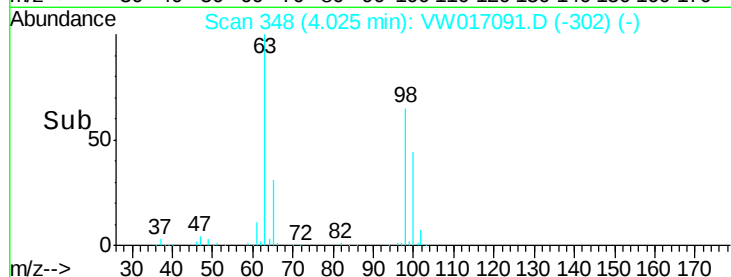
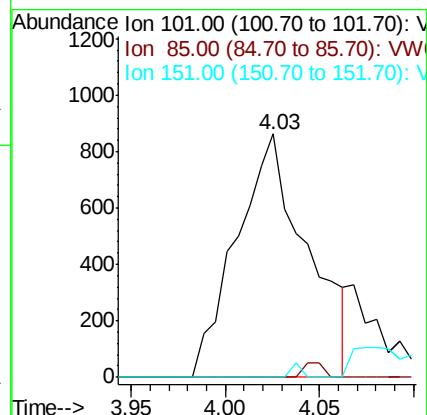
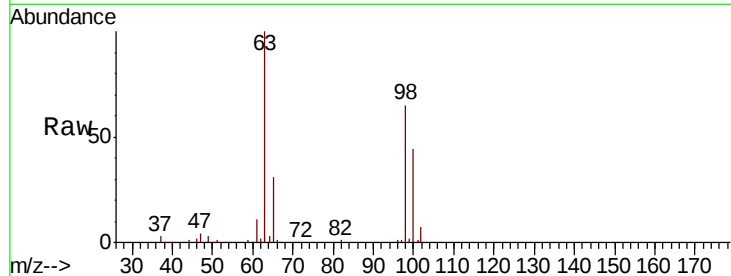
Tot Ion:101 Resp: 2236

Ion Ratio Lower Upper

101 100

85 1.7 32.8 49.2#

151 0.0 65.4 98.2#



#13

Acetone

Concen: 0.468 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW017091.D

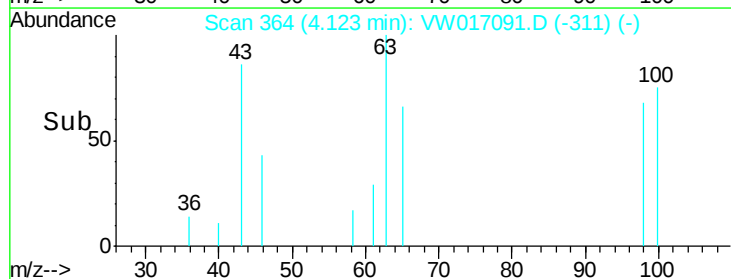
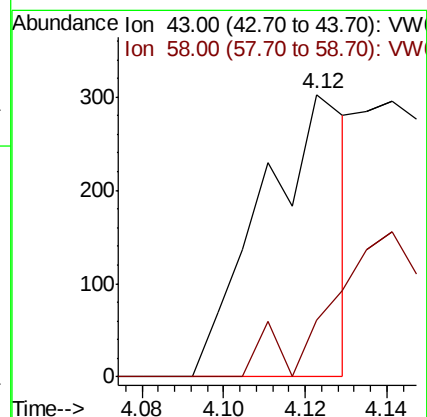
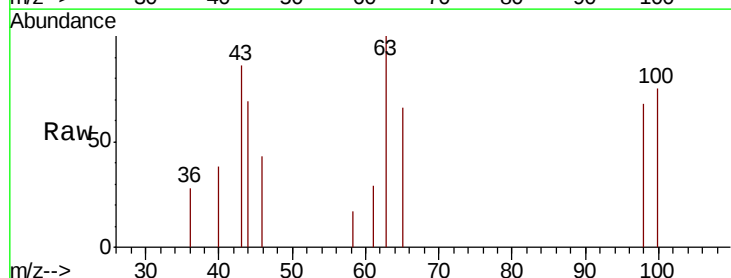
Acq: 05 Nov 2020 15:56

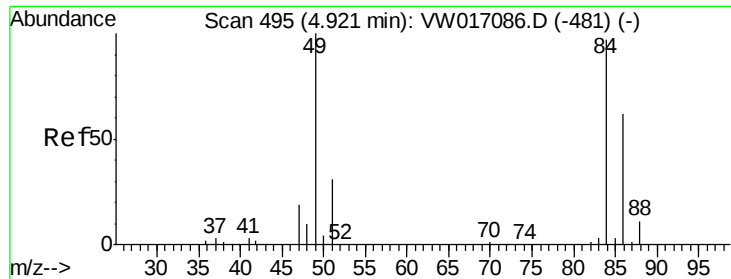
Tgt Ion: 43 Resp: 439

Ion Ratio Lower Upper

43 100

58 5.0 0.0 69.2

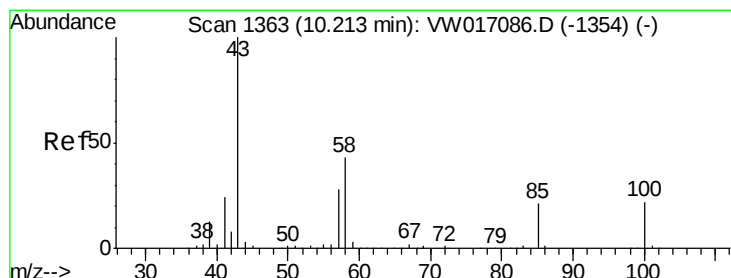
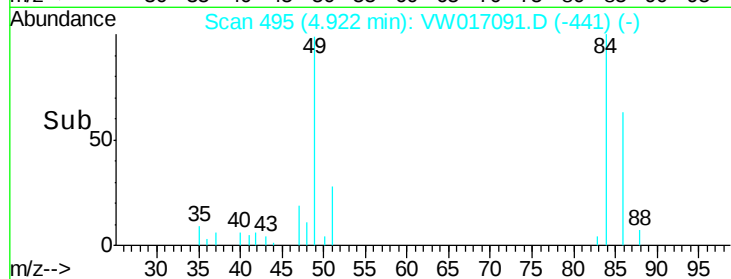
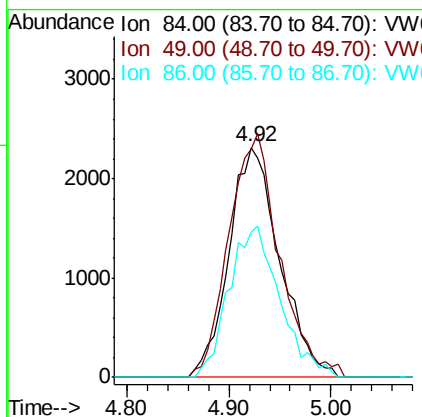
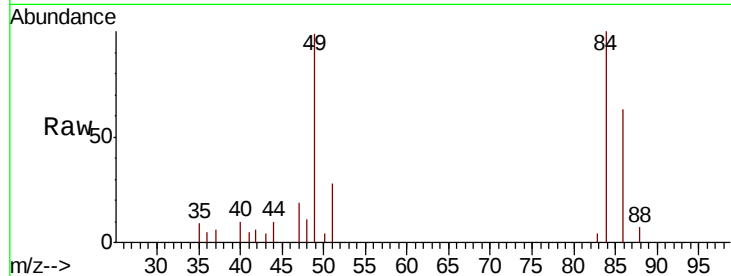




#16
Methylene chloride
Concen: 1.190 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW017091.D
Acq: 05 Nov 2020 15:56

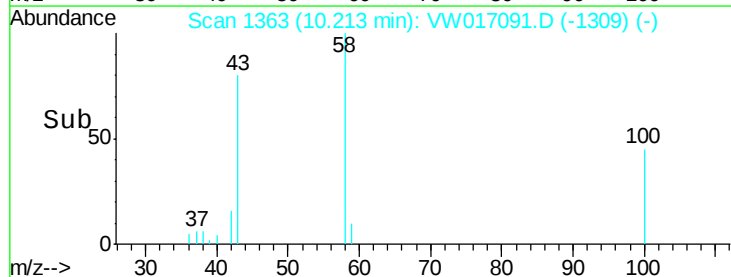
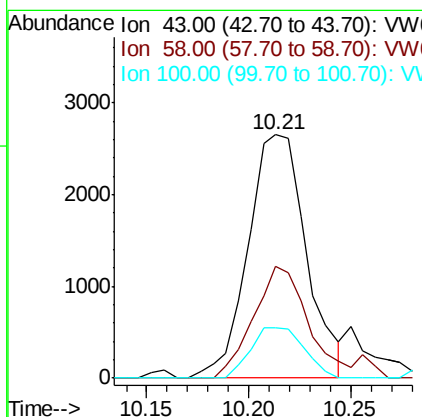
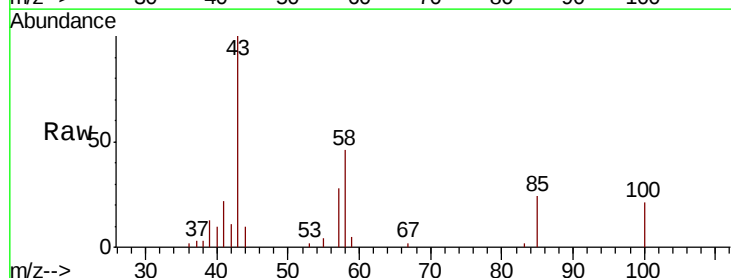
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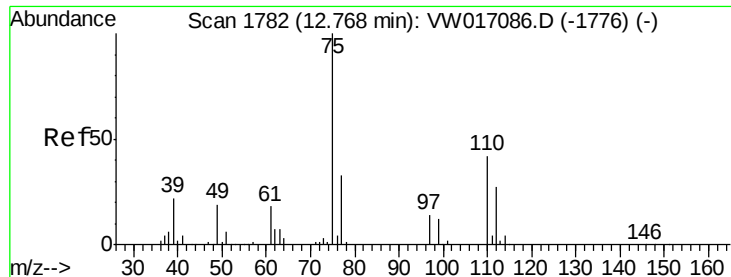
Tot Ion: 84 Resp: 7983
Ion Ratio Lower Upper
84 100
49 99.3 72.3 134.3
86 63.0 45.1 83.7



#43
4-Methyl-2-pentanone
Concen: 1.523 ug/L
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW017091.D
Acq: 05 Nov 2020 15:56

Tgt Ion: 43 Resp: 5279
Ion Ratio Lower Upper
43 100
58 43.2 35.0 52.6
100 18.8 16.6 24.8





#59

1,2,3-Trichloropropane

Concen: 5.676 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017091.D

Acq: 05 Nov 2020 15:56

Instrument :

MSVOA_W

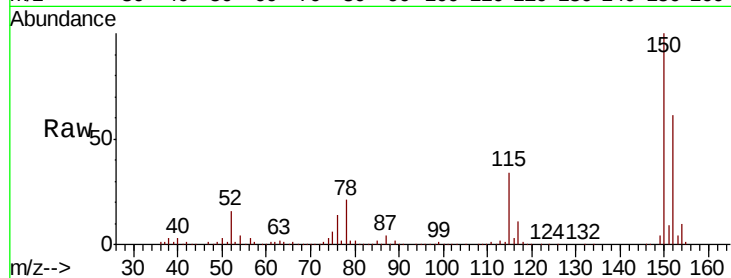
ClientSampleId :

Tot Ion: 75 Resp: 22825

Ion Ratio Lower Upper

75 100

77 35.3 26.4 39.6



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

