

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041619\
 Data File : VW010004.D
 Acq On : 16 Apr 2019 18:47
 Operator : SY/VA
 Sample : K2402-02
 Misc : 5.10G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHH4

Quant Time: Apr 17 00:46:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 17 00:43:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	493989	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	488163	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	212256	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	114216	24.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.88%
7) Chloroethane-d5	2.89	69	104264	22.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.20%
10) 1,1-Dichloroethene-d2	4.17	63	222	0.02	ug/L	0.15
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.08%#
20) 2-Butanone-d5	7.07	46	114185	45.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.44%
24) Chloroform-d	7.65	84	325053	22.76	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.04%
26) 1,2-Dichloroethane-d4	8.31	65	209703	23.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.68%
29) Benzene-d6	8.27	84	607336	22.64	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.56%
33) 1,2-Dichloropropane-d6	9.27	67	197762	23.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.56%
37) Toluene-d8	10.32	98	532693	21.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.04%
38) trans-1,3-Dichloropropene-	10.58	79	86875	21.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.76%
39) 2-Hexanone-d5	10.93	63	79238	41.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.70%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	176387	22.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	193191	24.21	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.84%

Target Compounds

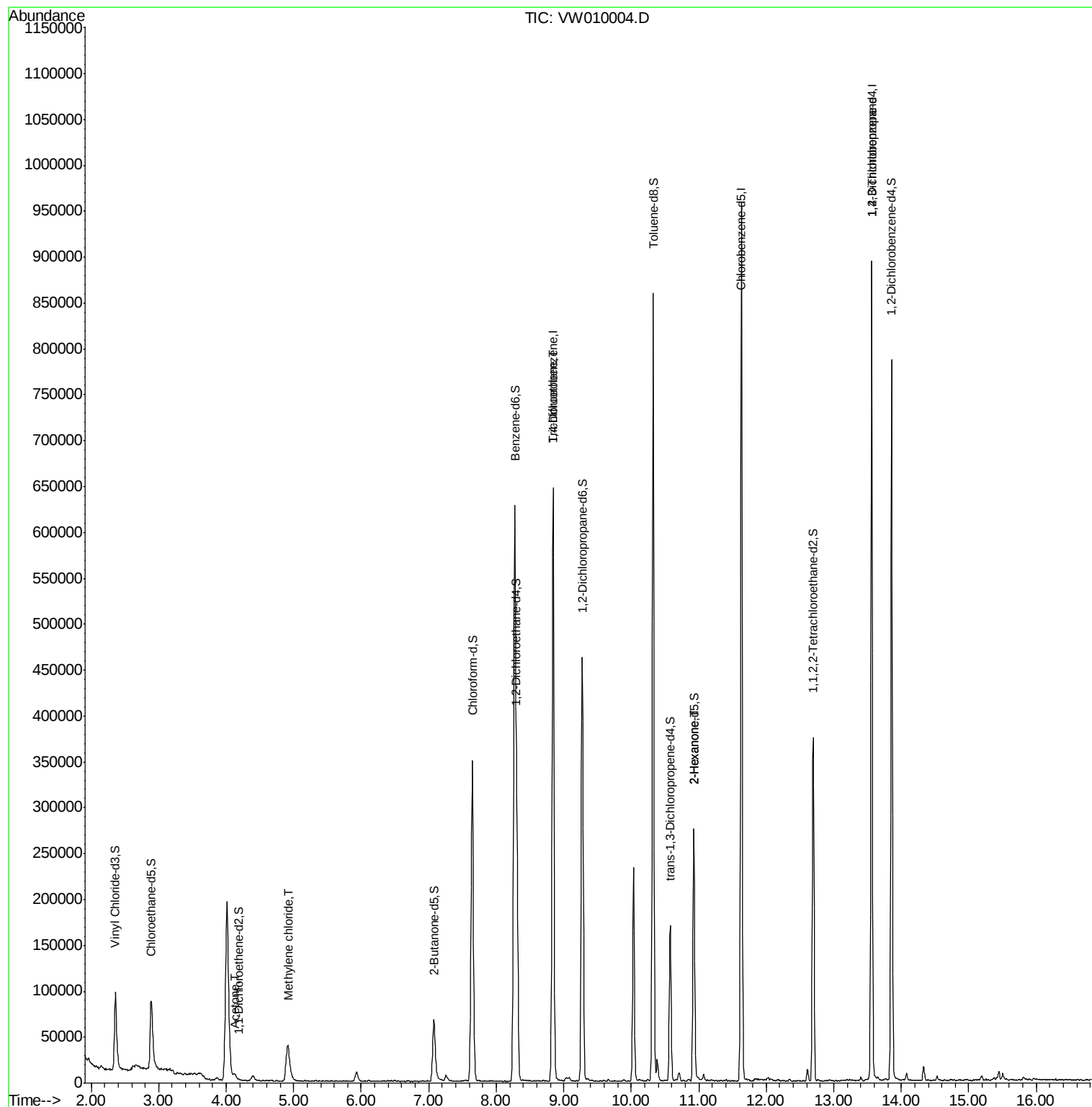
					Qvalue
13) Acetone	4.12	43	8662	3.857 ug/L	93
16) Methylene chloride	4.91	84	32949	3.684 ug/L	99
35) Trichloroethene	8.84	95	15643	2.092 ug/L #	6
49) 2-Hexanone	10.92	43	12851	2.888 ug/L #	68
59) 1,2,3-Trichloropropane	13.56	75	28206	4.830 ug/L	90

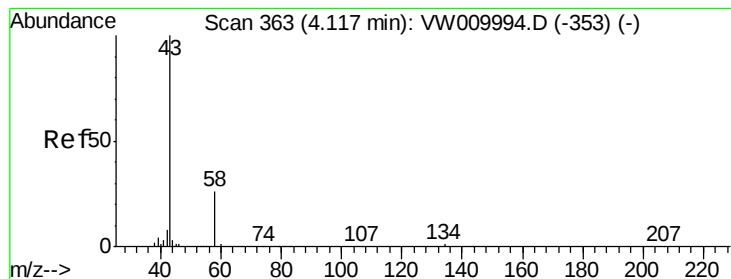
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.857 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW010004.D

Acq: 16 Apr 2019 18:47

Instrument :

MSVOA_W

ClientSampled :

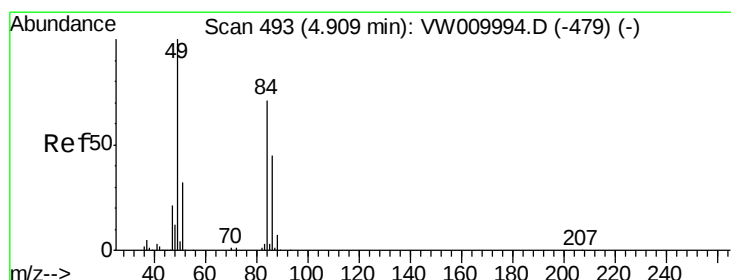
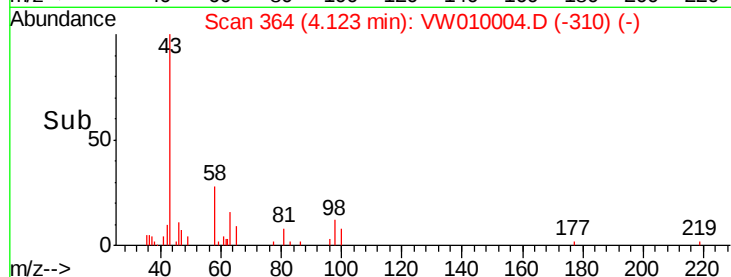
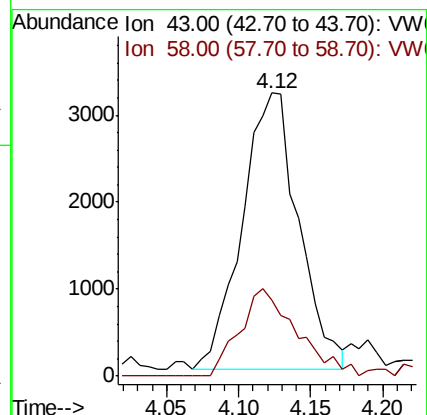
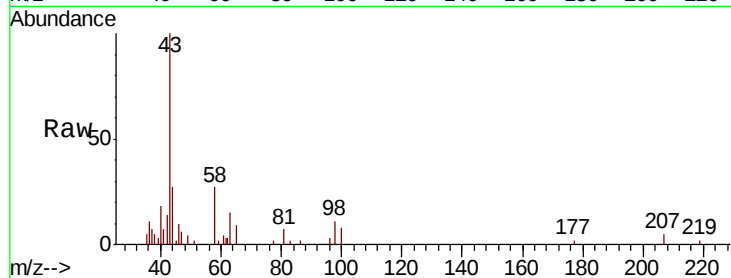
GAHH4

Tgt Ion: 43 Resp: 8662

Ion Ratio Lower Upper

43 100

58 31.7 0.0 56.2



#16

Methylene chloride

Concen: 3.684 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW010004.D

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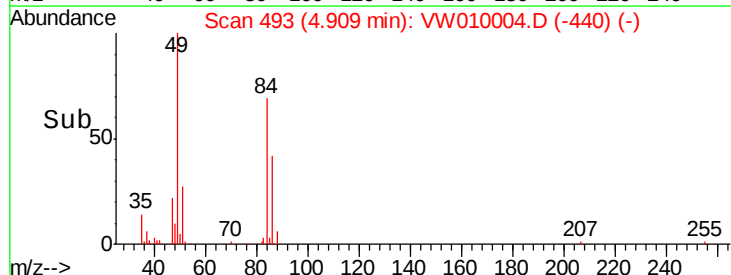
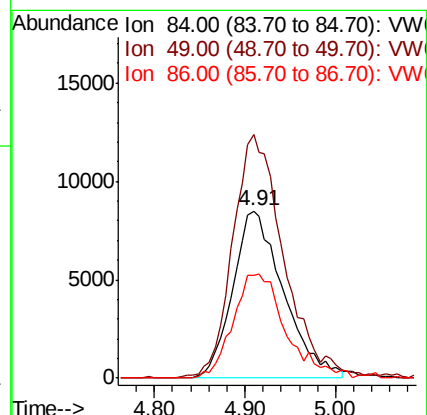
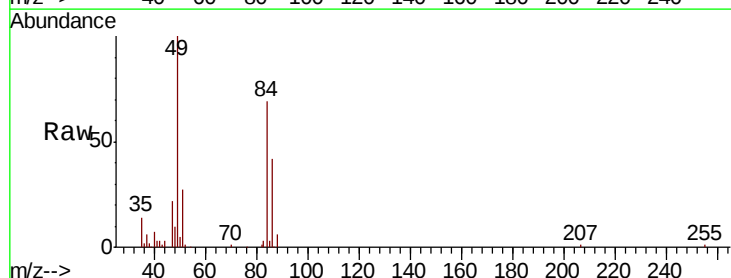
Tgt Ion: 84 Resp: 32949

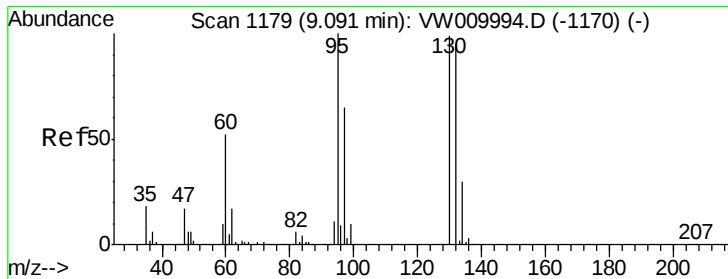
Ion Ratio Lower Upper

84 100

49 145.5 100.7 187.1

86 61.4 43.8 81.3

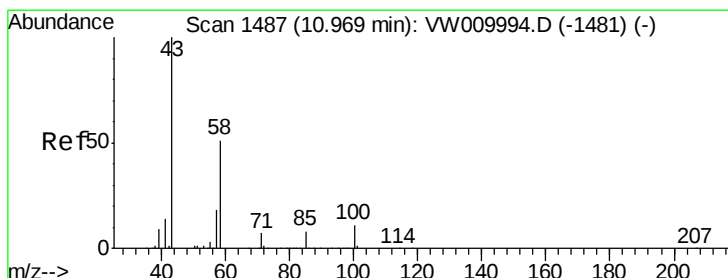
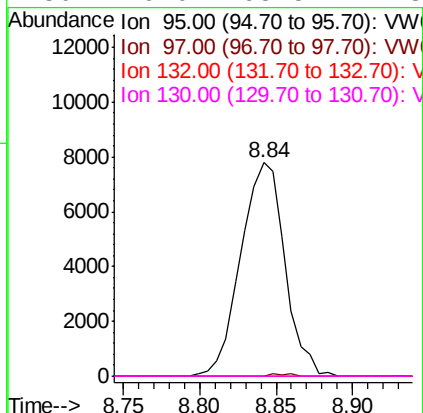
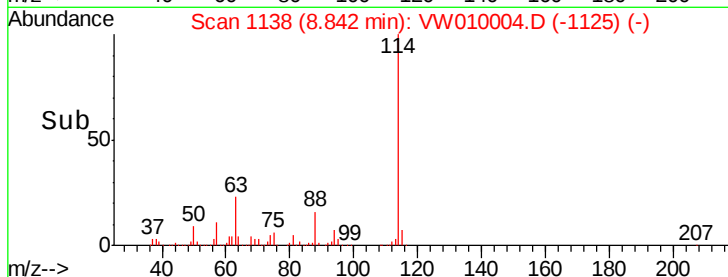
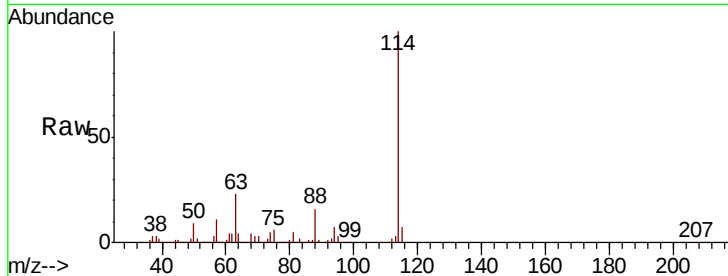




#35
 Trichloroethene
 Concen: 2.092 ug/L
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.25 min
 Lab File: VW010004.D
 Acq: 16 Apr 2019 18:47

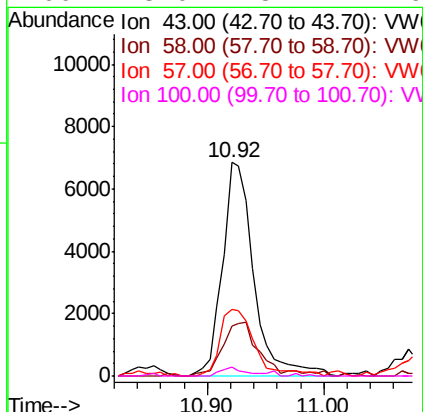
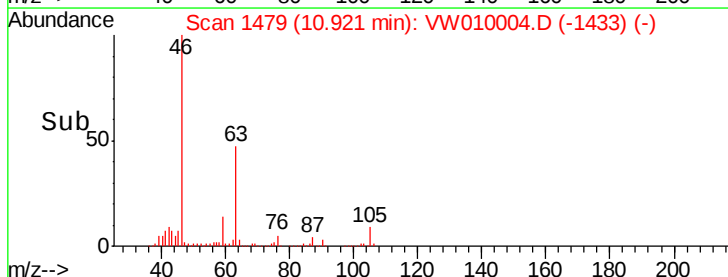
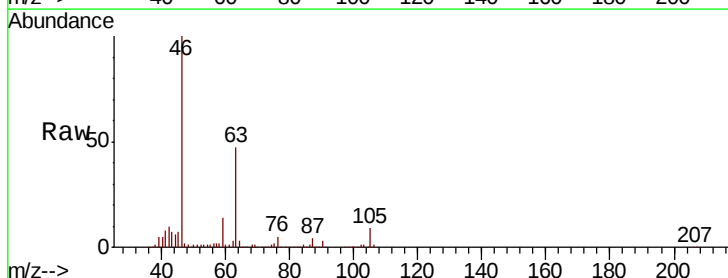
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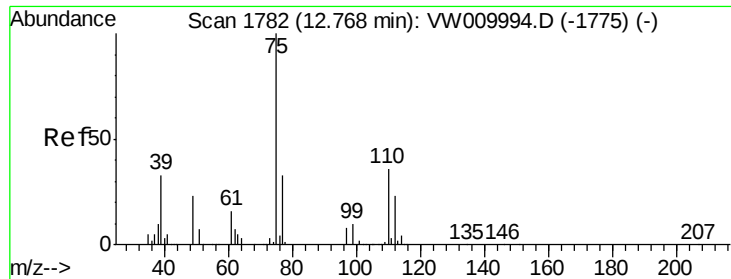
Tgt Ion: 95 Resp: 15643
 Ion Ratio Lower Upper
 95 100
 97 0.5 45.3 84.1#
 132 0.0 65.6 121.8#
 130 0.0 68.5 127.3#



#49
 2-Hexanone
 Concen: 2.888 ug/L
 RT: 10.92 min Scan# 1479
 Delta R.T. -0.05 min
 Lab File: VW010004.D
 Acq: 16 Apr 2019 18:47

Tgt Ion: 43 Resp: 12851
 Ion Ratio Lower Upper
 43 100
 58 27.5 39.8 59.8#
 57 33.4 14.1 21.1#
 100 3.0 8.4 12.6#





#59

1,2,3-Trichloropropane

Concen: 4.830 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW010004.D

Acq: 16 Apr 2019 18:47

Instrument :

MSVOA_W

ClientSampleId :

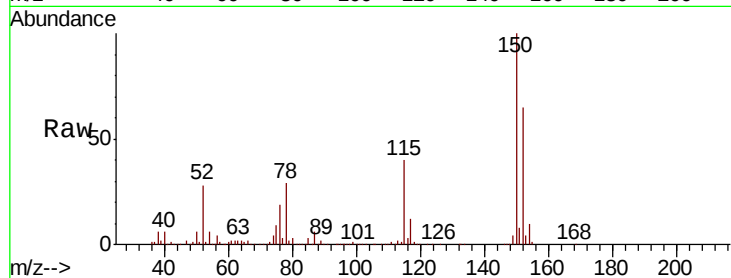
GAHH4

Tgt Ion: 75 Resp: 28206

Ion Ratio Lower Upper

75 100

77 37.7 25.8 38.6



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

