

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072820\
 Data File : VW015985.D
 Acq On : 28 Jul 2020 15:40
 Operator : SY/VA
 Sample : L3458-08RE
 Misc : 5.38G/10ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 29 04:41:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 29 04:38:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	406548	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	379852	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	167549	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	100378	17.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.00%
7) Chloroethane-d5	2.90	69	80766	17.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.32%
10) 1,1-Dichloroethene-d2	4.01	63	153628	13.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.00%
20) 2-Butanone-d5	7.09	46	90356	59.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.92%
24) Chloroform-d	7.65	84	207801	18.20	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	72.80%
26) 1,2-Dichloroethane-d4	8.31	65	127764	20.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.52%
29) Benzene-d6	8.28	84	414835	17.94	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	71.76%
33) 1,2-Dichloropropane-d6	9.28	67	132201	19.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	76.28%
37) Toluene-d8	10.33	98	365414	17.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	69.80%
38) trans-1,3-Dichloropropene-	10.58	79	55097	18.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.60%
39) 2-Hexanone-d5	10.93	63	69890	60.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	137086	25.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	126892	19.42	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	77.68%

Target Compounds

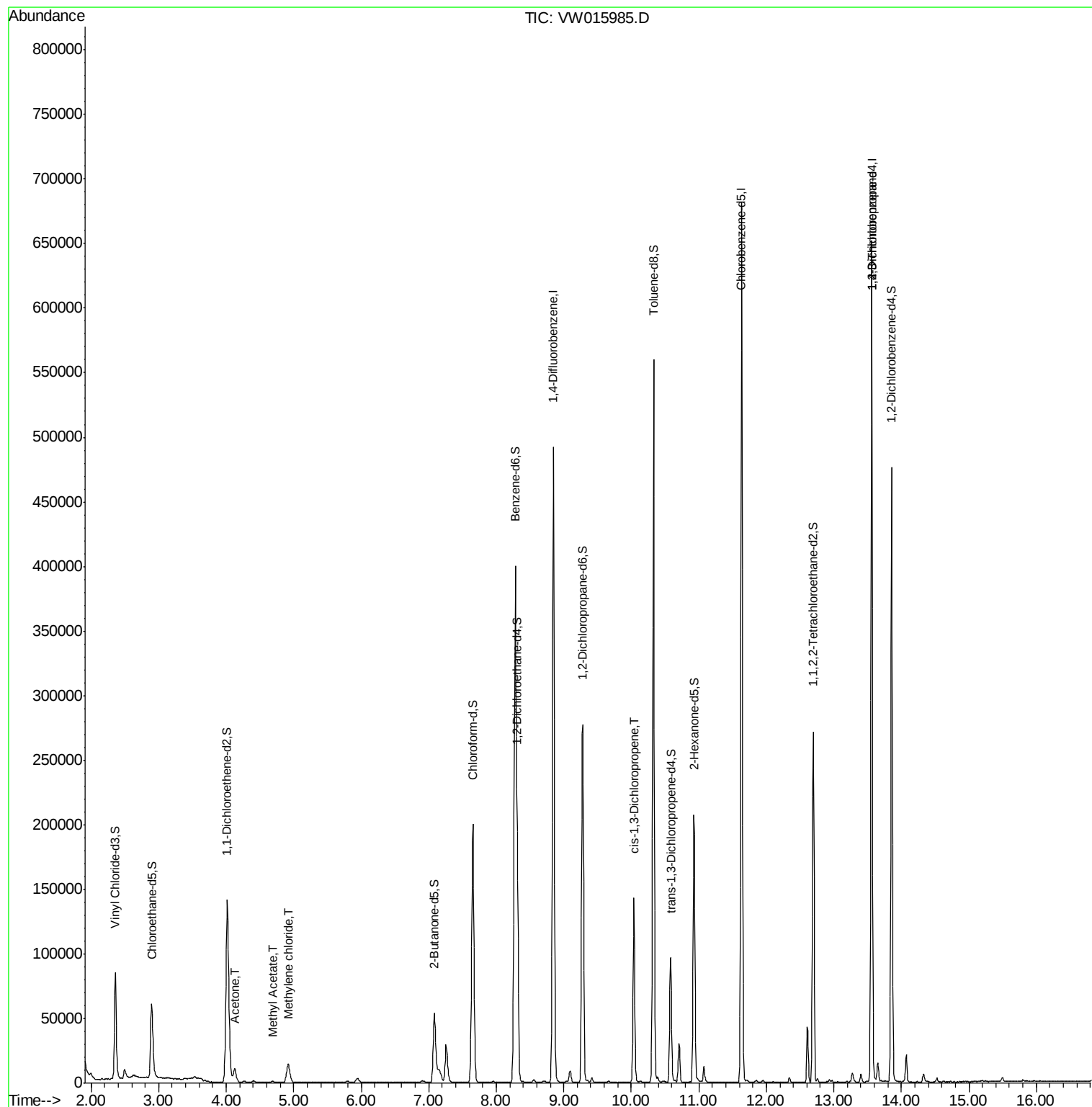
					Ovalue
13) Acetone	4.12	43	18574	14.677 ug/L	95
15) Methyl Acetate	4.68	43	2051	0.860 ug/L #	76
16) Methylene chloride	4.92	84	11878	1.783 ug/L	92
42) cis-1,3-Dichloropropene	10.04	75	3371	0.387 ug/L	84
59) 1,2,3-Trichloropropane	13.56	75	19966	5.522 ug/L	91

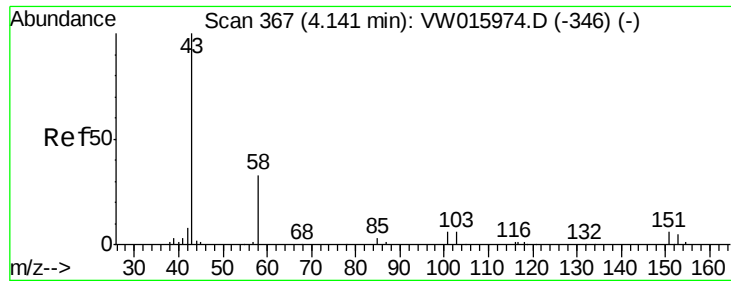
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 14.677 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

Lab File: VW015985.D

Acq: 28 Jul 2020 15:40

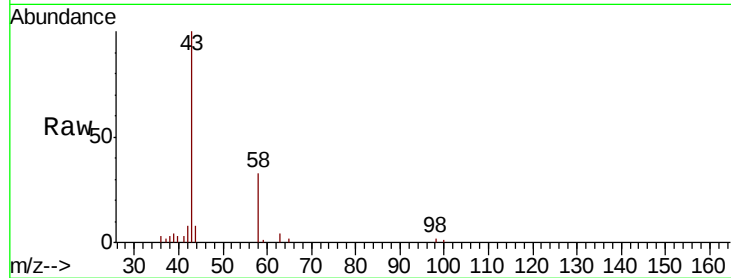
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 18574

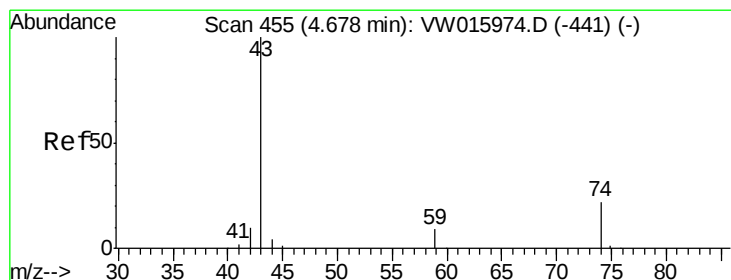
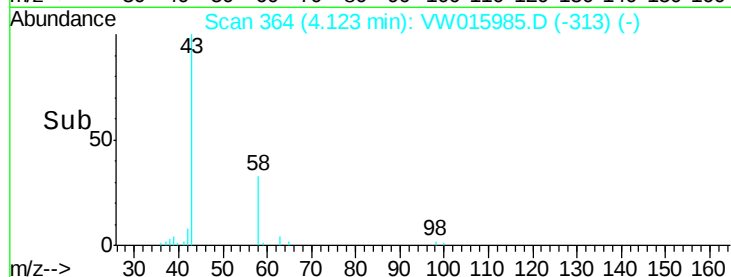
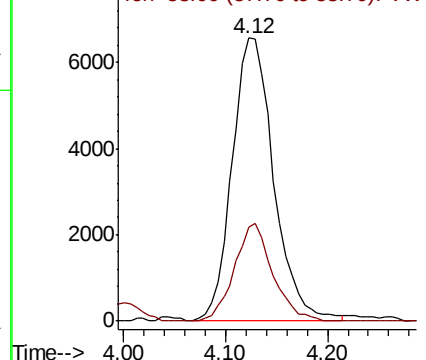
Ion Ratio Lower Upper

43 100

58 31.6 0.0 58.2



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW



#15

Methyl Acetate

Concen: 0.860 ug/L

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW015985.D

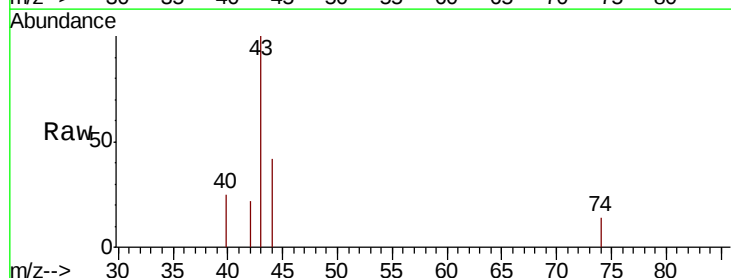
Acq: 28 Jul 2020 15:40

Tgt Ion: 43 Resp: 2051

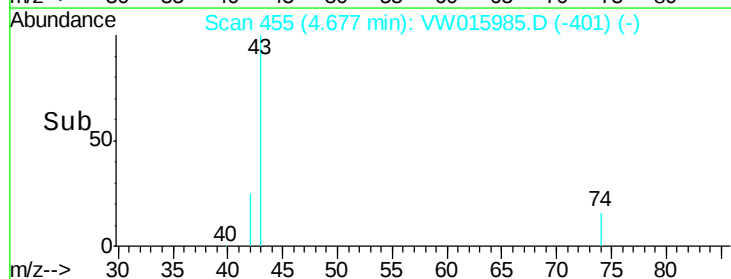
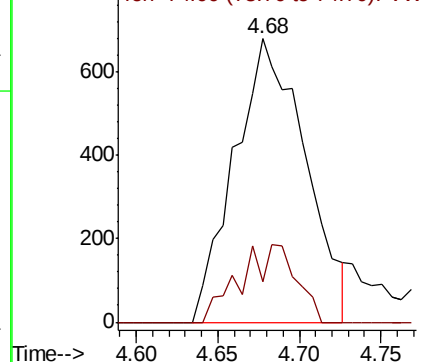
Ion Ratio Lower Upper

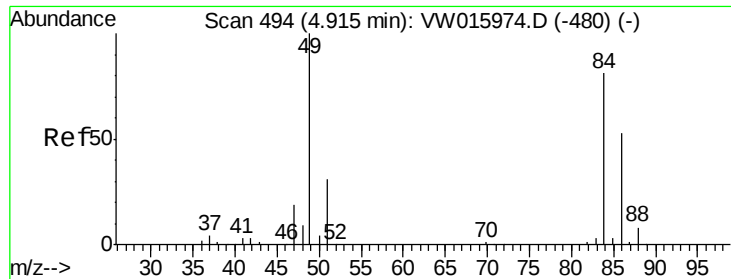
43 100

74 11.1 18.2 27.2#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 74.00 (73.70 to 74.70): VW

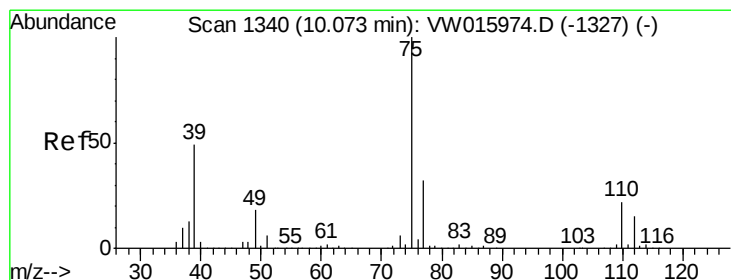
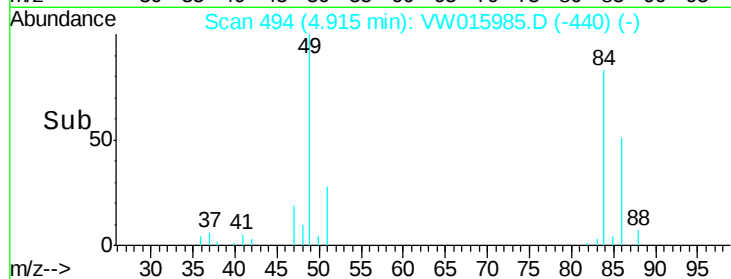
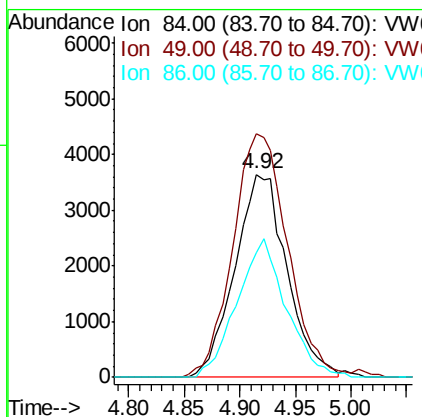
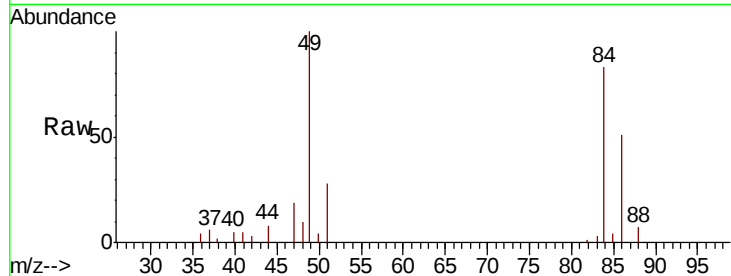




#16
Methylene chloride
Concen: 1.783 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW015985.D
Acq: 28 Jul 2020 15:40

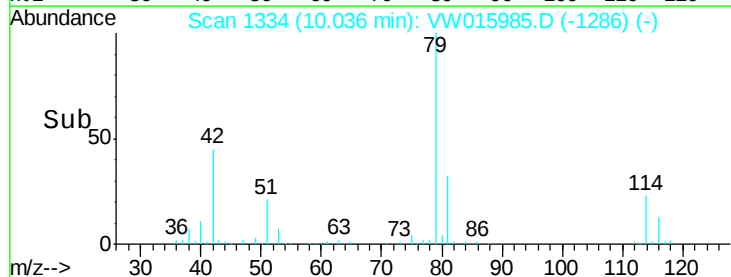
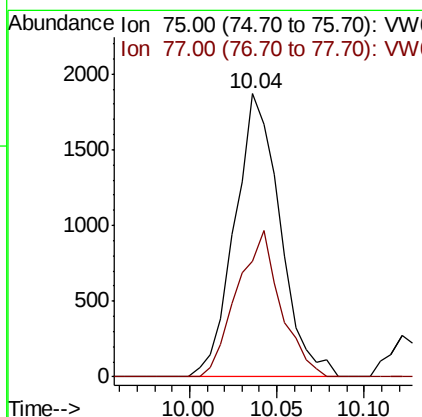
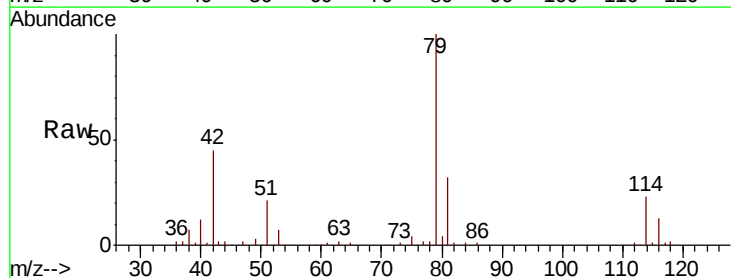
Instrument :
MSVOA_W
ClientSampleId :

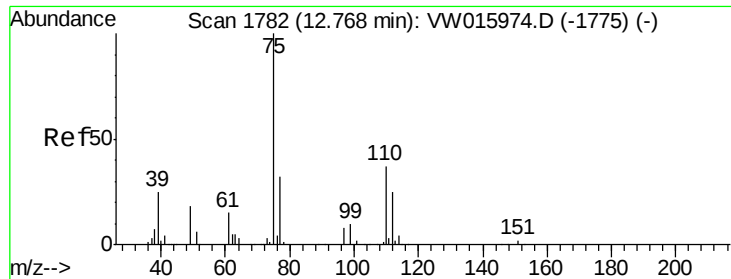
Tot Ion: 84 Resp: 11878
Ion Ratio Lower Upper
84 100
49 119.9 91.1 169.1
86 61.3 46.0 85.4



#42
cis-1,3-Dichloropropene
Concen: 0.387 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW015985.D
Acq: 28 Jul 2020 15:40

Tgt Ion: 75 Resp: 3371
Ion Ratio Lower Upper
75 100
77 40.8 22.2 41.2





#59

1,2,3-Trichloropropane

Concen: 5.522 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW015985.D

Acq: 28 Jul 2020 15:40

Instrument :

MSVOA_W

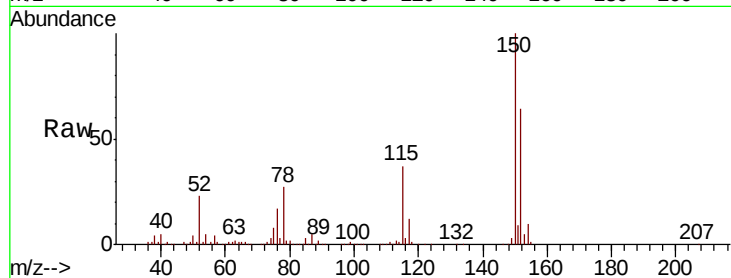
ClientSampleId :

Tot Ion: 75 Resp: 19966

Ion Ratio Lower Upper

75 100

77 37.7 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

