

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092420\
 Data File : VV018420.D
 Acq On : 24 Sep 2020 11:50
 Operator : SY/MD
 Sample : L4110-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AK9

Quant Time: Sep 25 04:44:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 25 04:36:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	312584	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	306333	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	148157	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	88427	34.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.42%
7) Chloroethane-d5	1.58	69	76783	36.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.68%
11) 1,1-Dichloroethene-d2	2.12	63	134151	28.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.42%#
21) 2-Butanone-d5	3.92	46	123549	79.24	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.24%
24) Chloroform-d	4.37	84	176001	39.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.64%
26) 1,2-Dichloroethane-d4	5.05	65	116861	41.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.50%
32) Benzene-d6	5.07	84	360455	41.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.20%
36) 1,2-Dichloropropane-d6	6.09	67	115427	41.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.84%
41) Toluene-d8	7.33	98	326451	40.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.70%
43) trans-1,3-Dichloropropene-	7.64	79	49811	35.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.36%
47) 2-Hexanone-d5	8.11	63	74867	70.93	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	70.93%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	130865	37.42	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	74.84%
64) 1,2-Dichlorobenzene-d4	11.65	152	139613	45.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.76%

Target Compounds

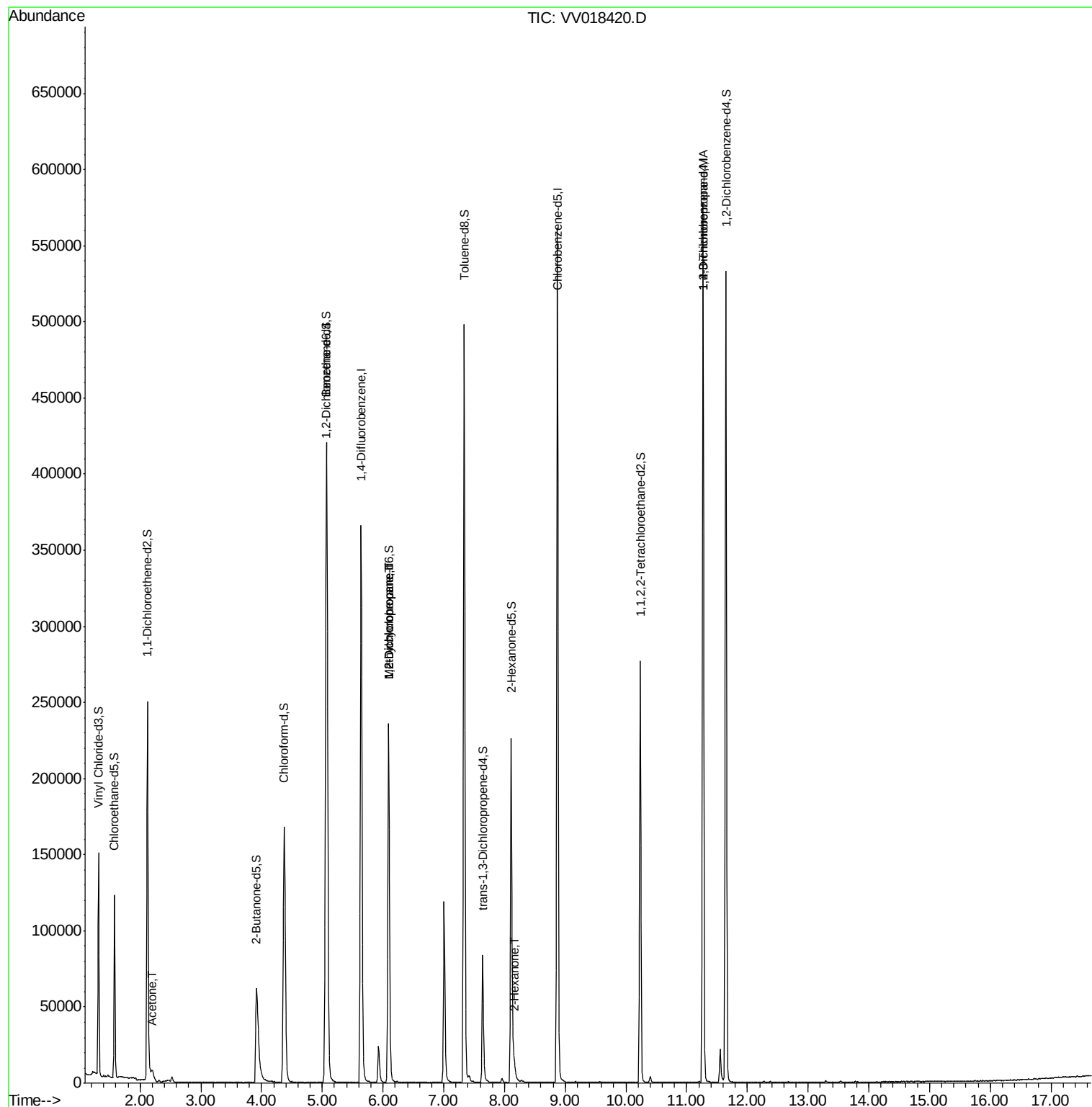
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.20	43	12153	9.734	ug/L	96
35) Methylcyclohexane	6.09	83	27676	7.704	ug/L #	18
37) 1,2-Dichloropropane	6.09	63	12455	5.367	ug/L #	87
48) 2-Hexanone	8.16	43	7085	3.192	ug/L #	79
59) 1,2,3-Trichloropropane	11.27	75	16696	6.116	ug/L	91

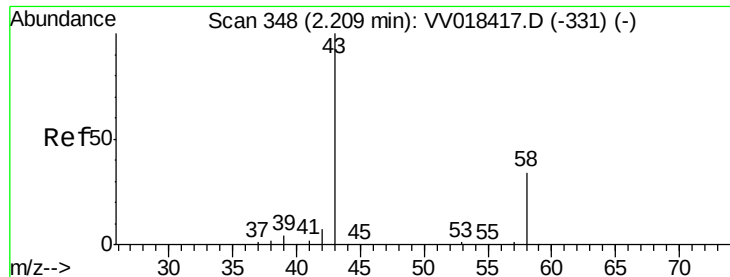
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 9.734 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

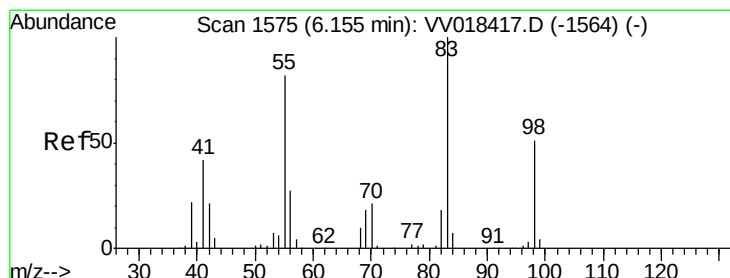
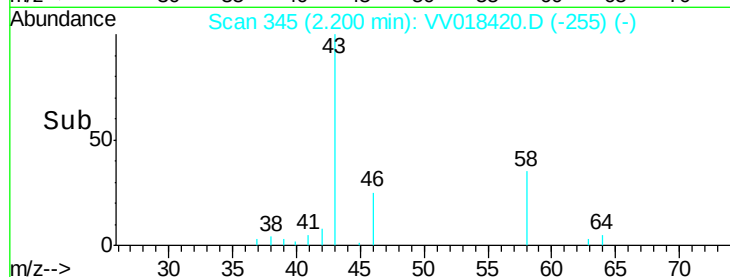
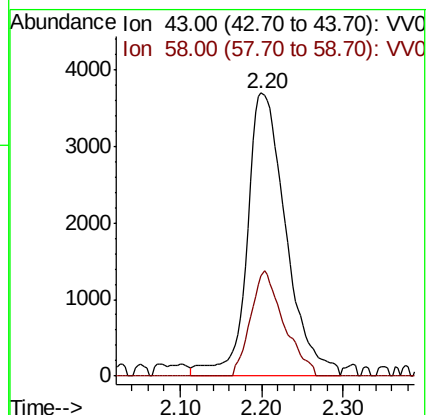
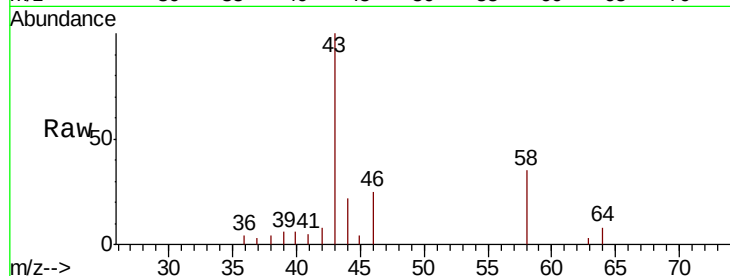
C0AK9

Tot Ion: 43 Resp: 12153

Ion Ratio Lower Upper

43 100

58 31.6 0.0 67.4



#35

Methylcyclohexane

Concen: 7.704 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

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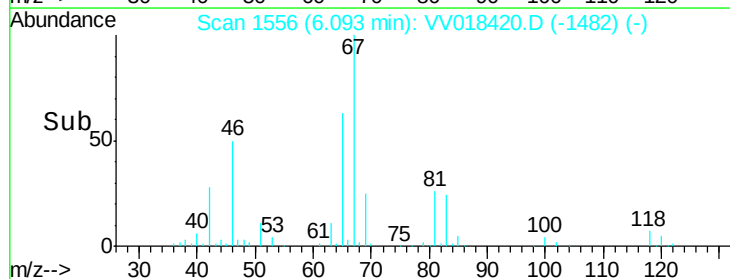
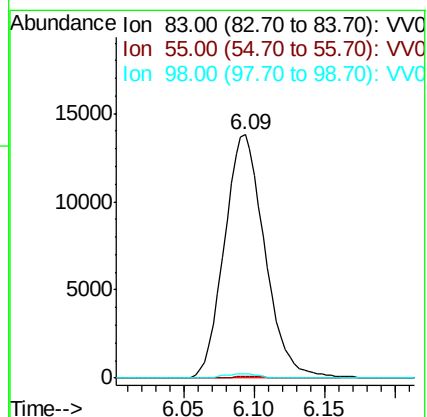
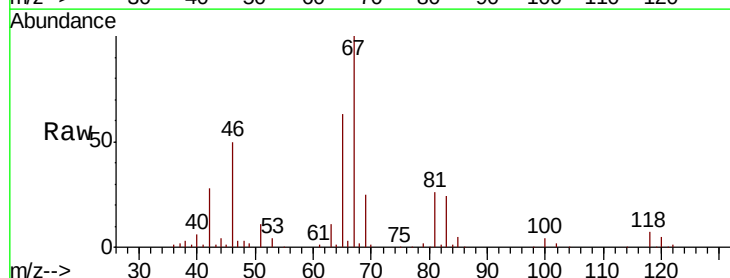
Tgt Ion: 83 Resp: 27676

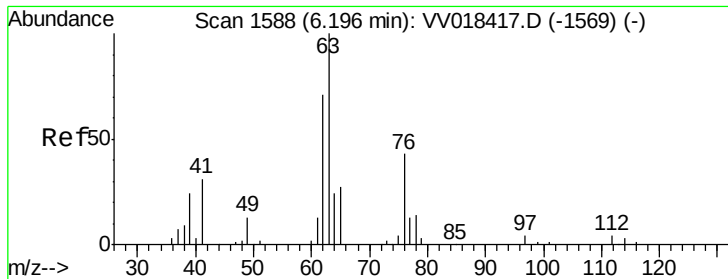
Ion Ratio Lower Upper

83 100

55 0.3 63.4 95.2#

98 1.4 38.8 58.2#

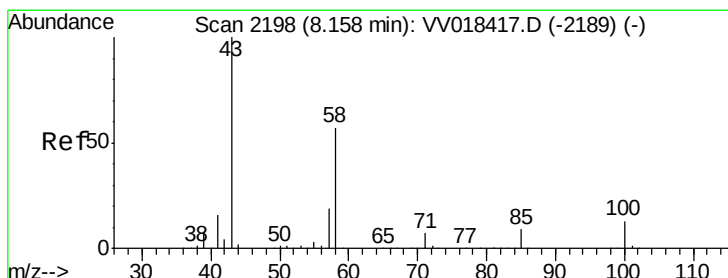
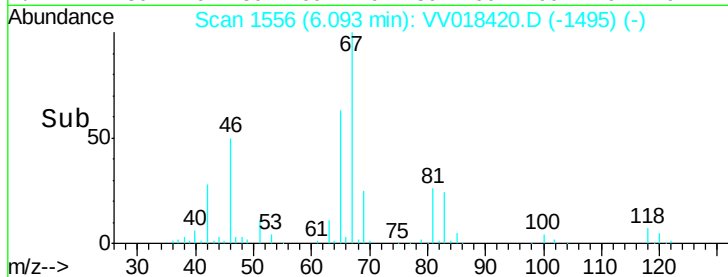
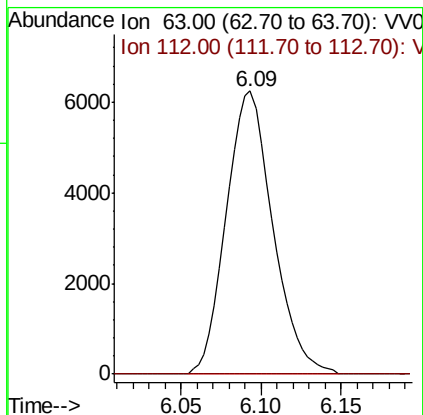
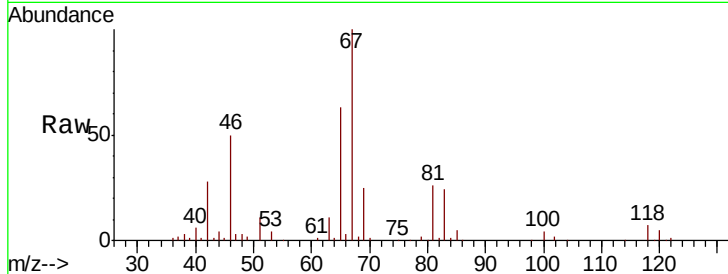




#37
 1,2-Dichloropropane
 Concen: 5.367 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018420.D
 Acq: 24 Sep 2020 11:50

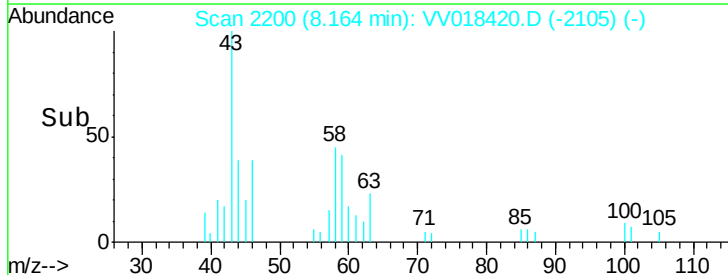
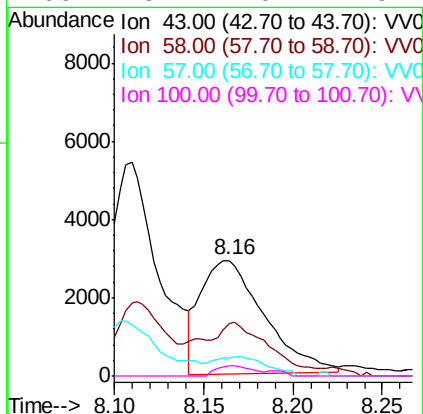
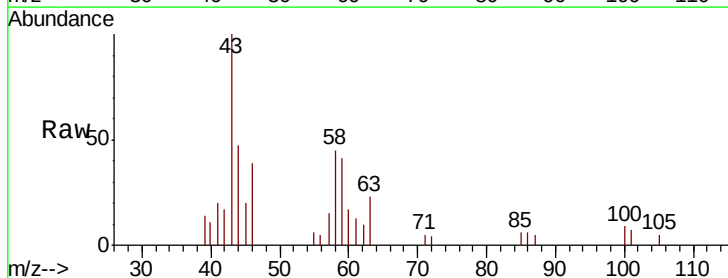
Instrument :
 MSVOA_V
 ClientSampled :
 C0AK9

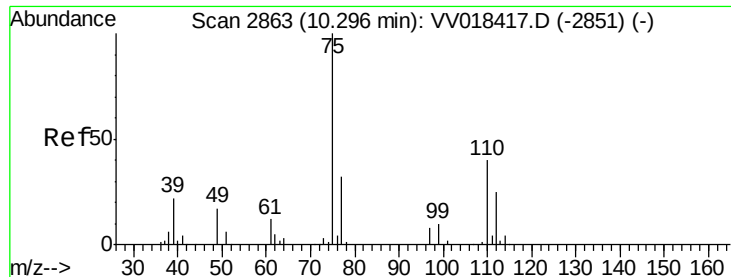
Tot Ion: 63 Resp: 12455
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#48
 2-Hexanone
 Concen: 3.192 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: VV018420.D
 Acq: 24 Sep 2020 11:50

Tgt Ion: 43 Resp: 7085
 Ion Ratio Lower Upper
 43 100
 58 38.1 44.8 67.2#
 57 14.0 15.8 23.6#
 100 5.2 10.2 15.4#





#59

1,2,3-Trichloropropane

Concen: 6.116 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV018420.D

Acq: 24 Sep 2020 11:50

Instrument :

MSVOA_V

ClientSampleId :

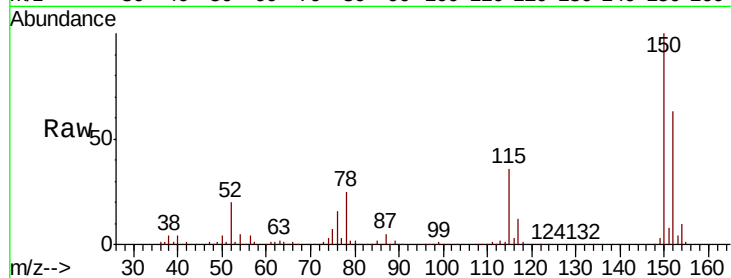
C0AK9

Tot Ion: 75 Resp: 16696

Ion Ratio Lower Upper

75 100

77 37.3 25.8 38.6



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

