

Data File : VV010308.D
Acq On : 13 Apr 2019 01:29
Operator : SY/MD
Sample : K2166-21
Misc : 5.10G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Apr 13 05:54:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 13 05:50:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	265564	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	253420	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	103650	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	69809	22.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.36%
7) Chloroethane-d5	1.57	69	67145	25.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.24%
10) 1,1-Dichloroethene-d2	2.12	63	135756	17.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.80%
20) 2-Butanone-d5	3.93	46	43693	56.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.96%
24) Chloroform-d	4.40	84	141073	23.26	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.04%
26) 1,2-Dichloroethane-d4	5.08	65	92973	26.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.68%
29) Benzene-d6	5.09	84	306868	25.11	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.44%
33) 1,2-Dichloropropane-d6	6.12	67	95432	26.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.04%
37) Toluene-d8	7.36	98	289669	24.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.24%
38) trans-1,3-Dichloropropene-	7.66	79	35976	23.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.96%
39) 2-Hexanone-d5	8.13	63	32470	51.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.44%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	81214	24.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.60%
61) 1,2-Dichlorobenzene-d4	11.67	152	101191	26.44	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.76%

Target Compounds

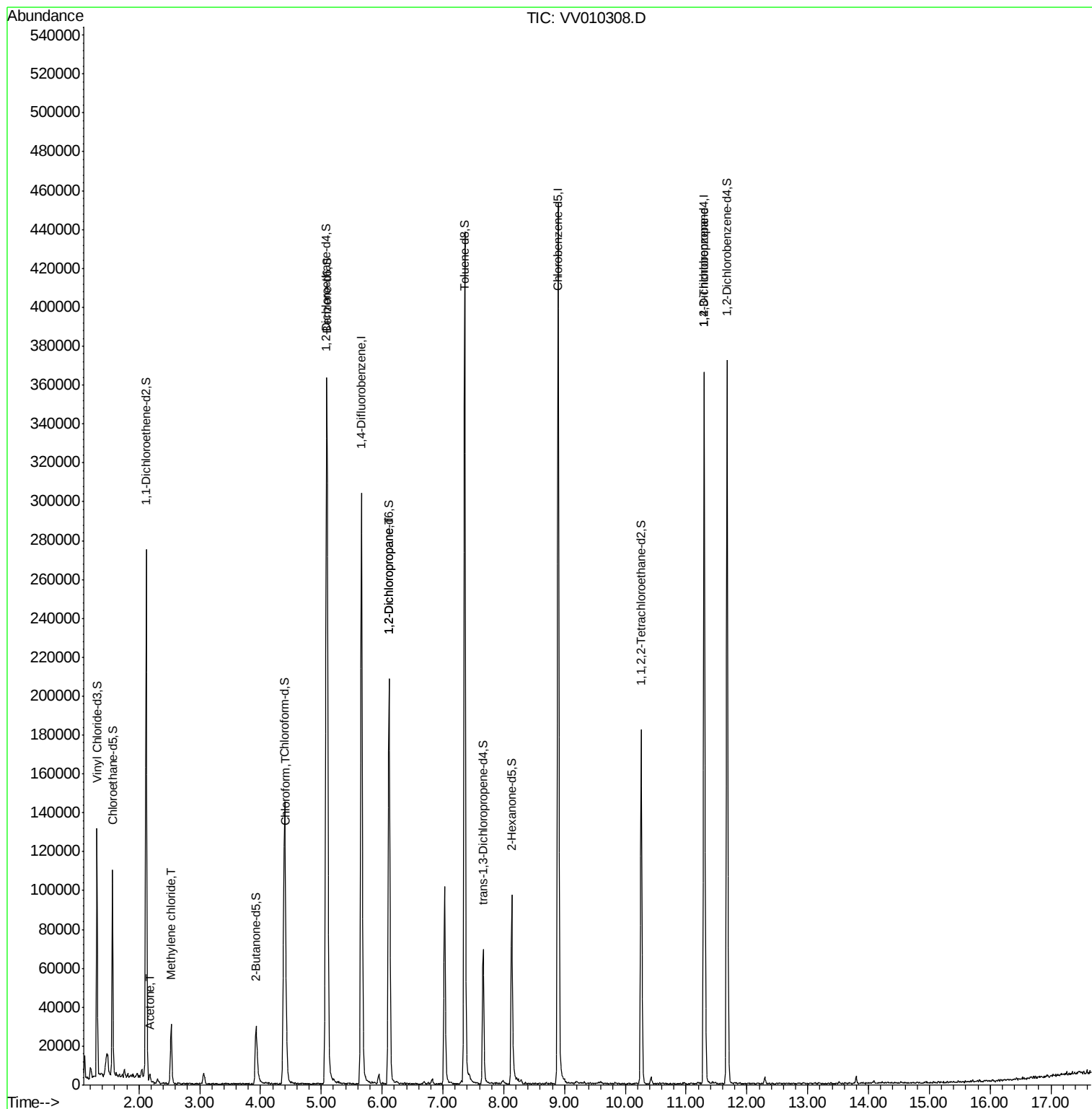
					Qvalue
13) Acetone	2.18	43	1512	1.829 ug/L	64
16) Methylene chloride	2.53	84	12209	2.348 ug/L	93
25) Chloroform	4.42	83	16523	2.540 ug/L	87
40) 1,2-Dichloropropane	6.11	63	10805	3.437 ug/L #	87
59) 1,2,3-Trichloropropane	11.30	75	12169	5.017 ug/L	94

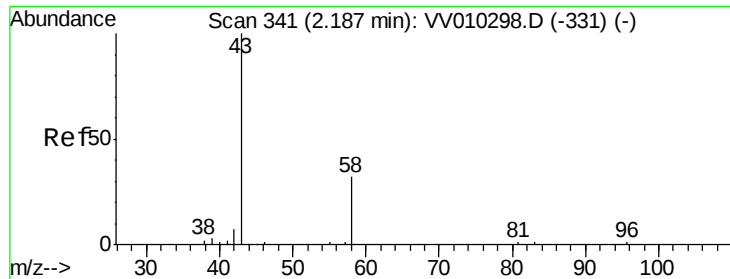
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.829 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.00 min

Lab File: VV010308.D

Acq: 13 Apr 2019 01:29

Instrument :

MSVOA_V

ClientSampled :

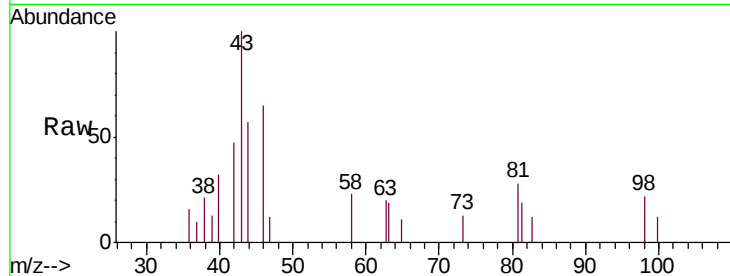
VHBLK01

Tgt Ion: 43 Resp: 1512

Ion Ratio Lower Upper

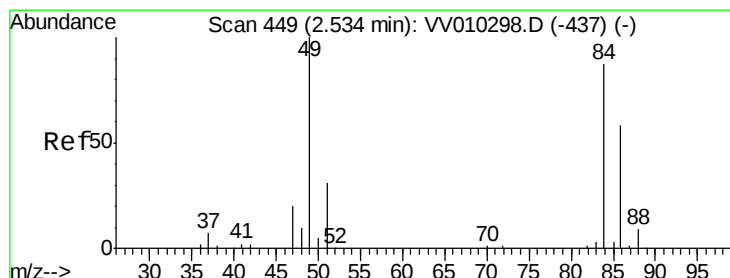
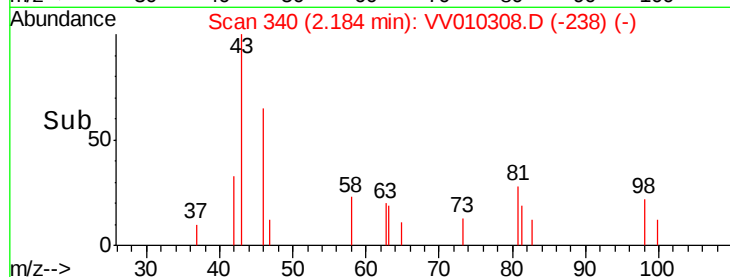
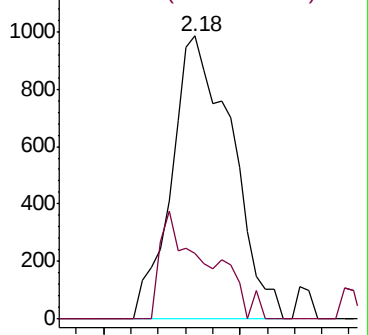
43 100

58 11.3 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV010298.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV010298.D (-331) (-)



#16

Methylene chloride

Concen: 2.348 ug/L

RT: 2.53 min Scan# 448

Delta R.T. -0.00 min

Lab File: VV010308.D

Acq: 13 Apr 2019 01:29

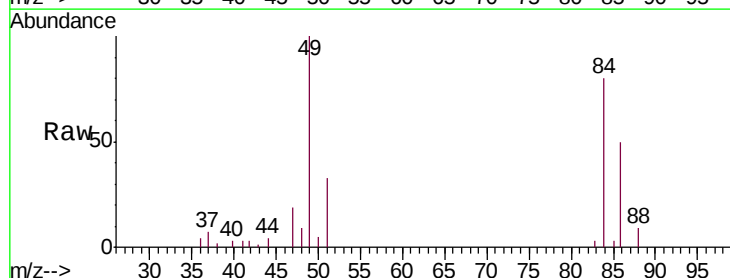
Tgt Ion: 84 Resp: 12209

Ion Ratio Lower Upper

84 100

49 125.6 79.9 148.5

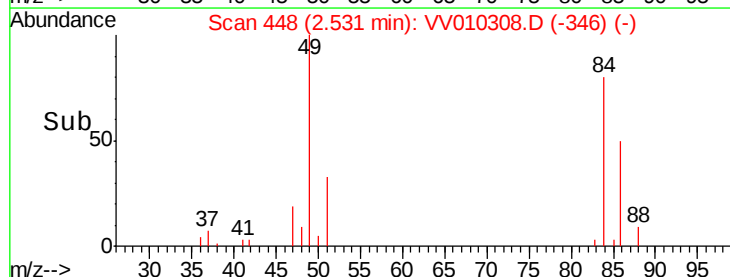
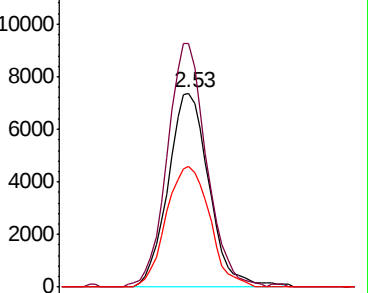
86 62.3 44.5 82.7

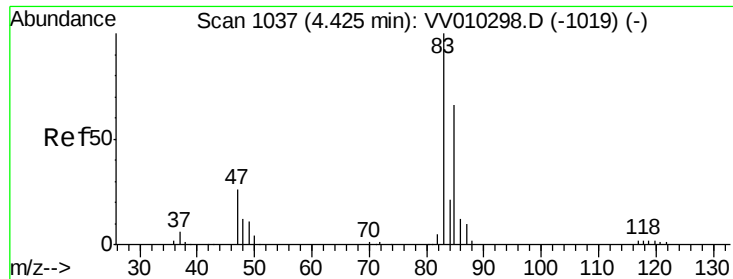


Abundance Ion 84.00 (83.70 to 84.70): VV010298.D (-437) (-)

Ion 49.00 (48.70 to 49.70): VV010298.D (-437) (-)

Ion 86.00 (85.70 to 86.70): VV010298.D (-437) (-)

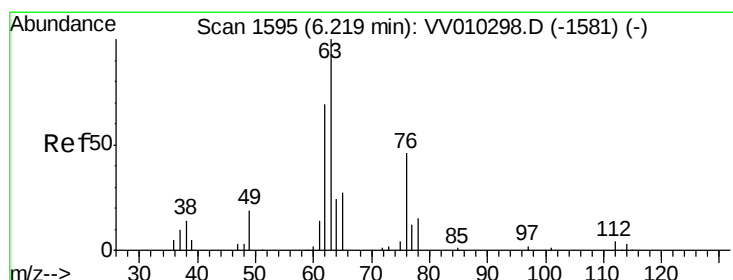
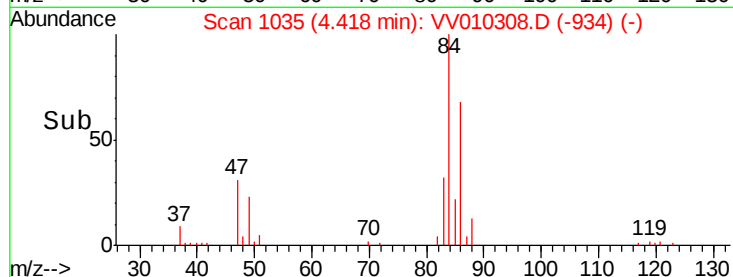
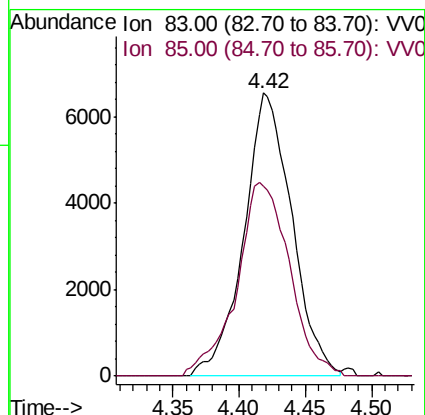
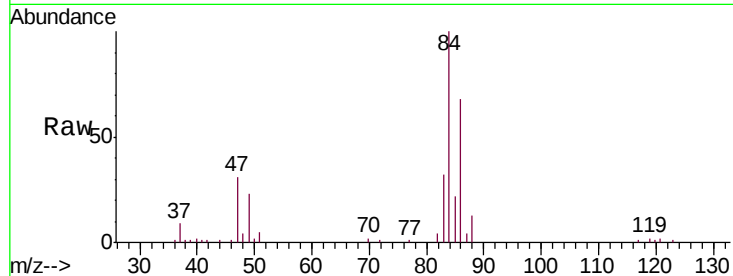




#25
Chloroform
Concen: 2.540 ug/L
RT: 4.42 min Scan# 1035
Delta R.T. -0.01 min
Lab File: VV010308.D
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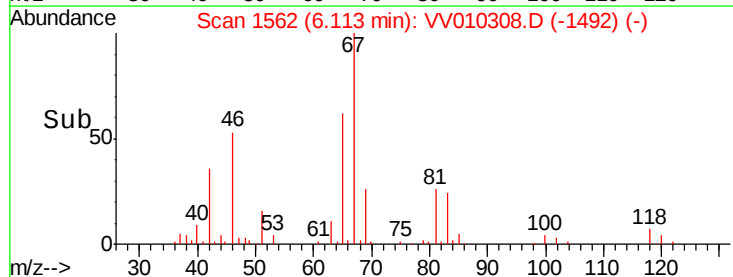
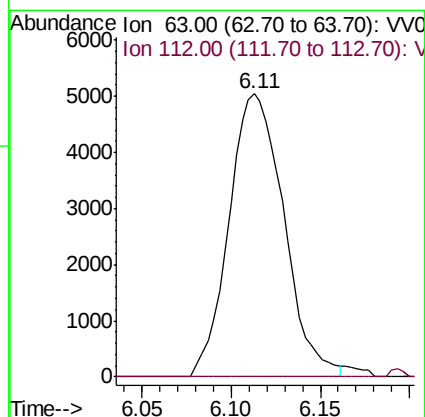
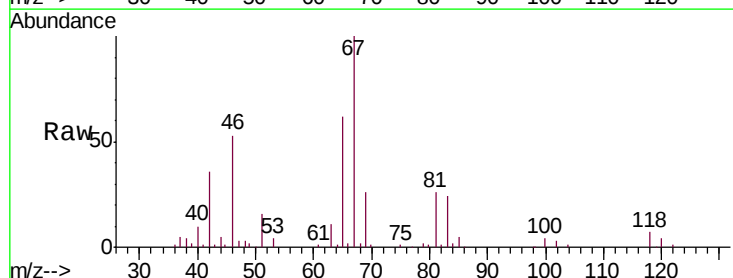
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MSVOA_V
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VHBLK01

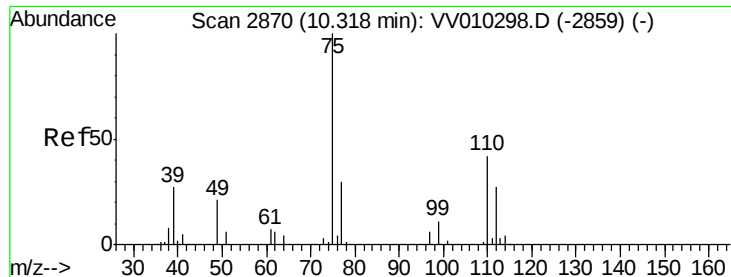
Tgt Ion: 83 Resp: 16523
Ion Ratio Lower Upper
83 100
85 75.1 45.4 84.2



#40
1,2-Dichloropropane
Concen: 3.437 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV010308.D
Acq: 13 Apr 2019 01:29

Tgt Ion: 63 Resp: 10805
Ion Ratio Lower Upper
63 100
112 0.7 4.0 6.0#





#59

1,2,3-Trichloropropane

Concen: 5.017 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV010308.D

Acq: 13 Apr 2019 01:29

Instrument :

MSVOA_V

ClientSampleId :

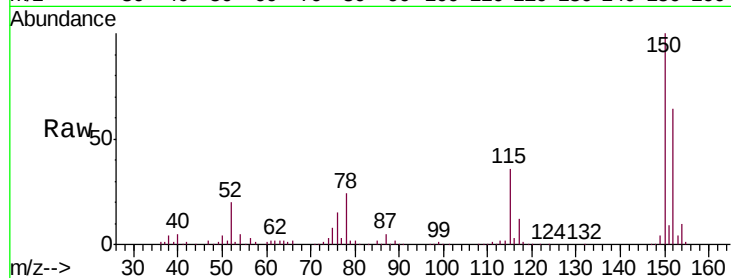
VHBLK01

Tgt Ion: 75 Resp: 12169

Ion Ratio Lower Upper

75 100

77 37.1 26.9 40.3



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

