

Data File : VV011161.D
Acq On : 31 May 2019 04:44
Operator : SY/MD
Sample : K3017-08
Misc : 3.51G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51E1

Quant Time: May 31 08:25:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis
QLast Update : Fri May 31 08:21:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	323579	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	249530	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	59047	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	99104	22.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.56%
7) Chloroethane-d5	1.56	69	84879	25.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.88%
10) 1,1-Dichloroethene-d2	2.12	63	138255	15.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.52%
20) 2-Butanone-d5	3.93	46	81734	51.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.16%
24) Chloroform-d	4.39	84	190032	24.03	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.12%
26) 1,2-Dichloroethane-d4	5.07	65	120871	23.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.80%
29) Benzene-d6	5.09	84	401936	29.66	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.64%
33) 1,2-Dichloropropane-d6	6.11	67	129599	29.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.40%
37) Toluene-d8	7.36	98	350751	27.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.72%
38) trans-1,3-Dichloropropene-	7.66	79	49269	25.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.28%
39) 2-Hexanone-d5	8.13	63	61803	62.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.26%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	91594	23.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.64%
61) 1,2-Dichlorobenzene-d4	11.67	152	49461	22.39	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.56%

Target Compounds

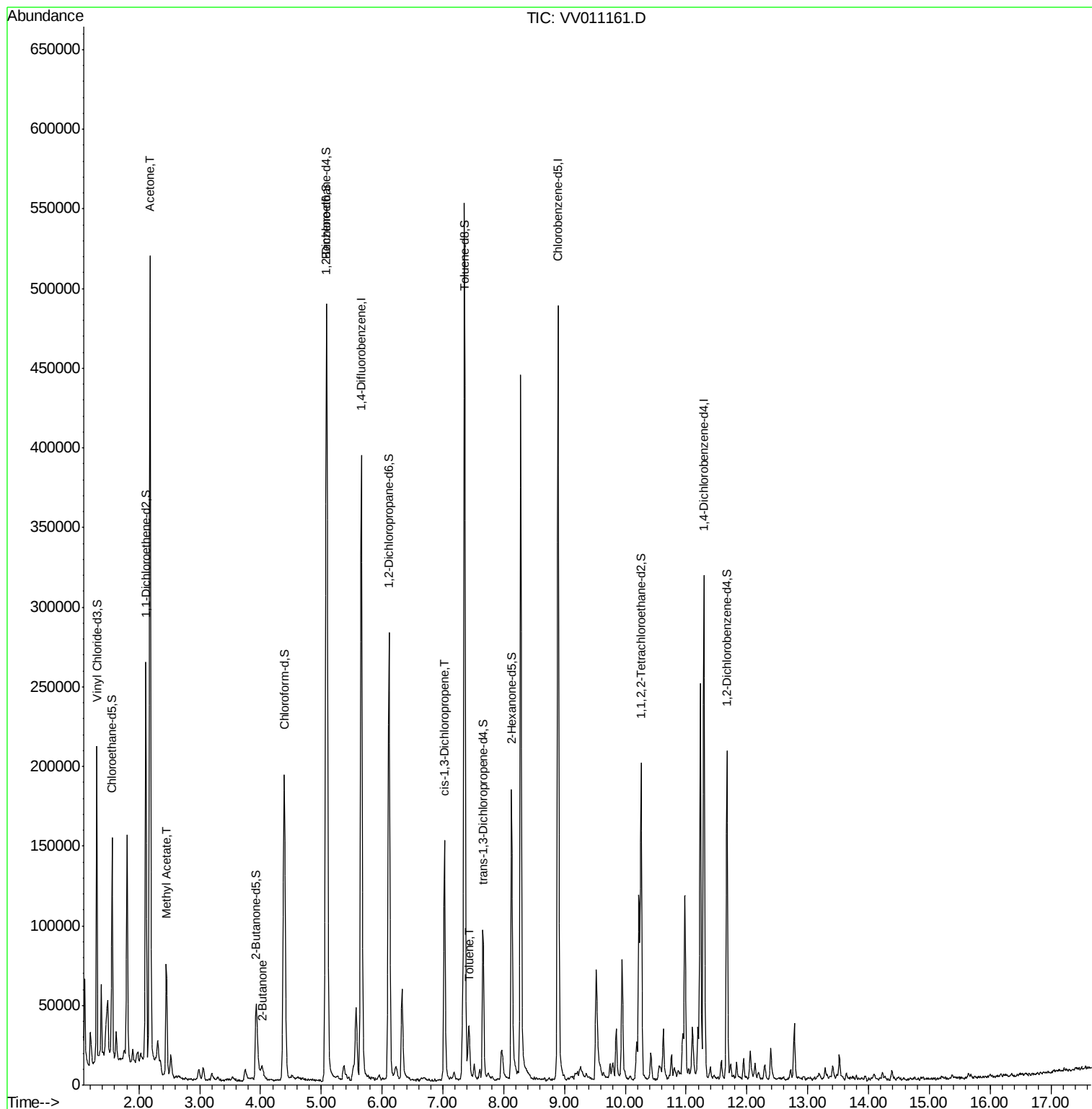
						Qvalue
13) Acetone	2.18	43	489454	262.933	ug/L	100
15) Methyl Acetate	2.45	43	75842	27.076	ug/L	97
21) 2-Butanone	4.03	43	12456	5.703	ug/L	91
42) cis-1,3-Dichloropropene	7.03	75	4079	0.660	ug/L #	61
44) Toluene	7.43	91	19485	1.207	ug/L	97

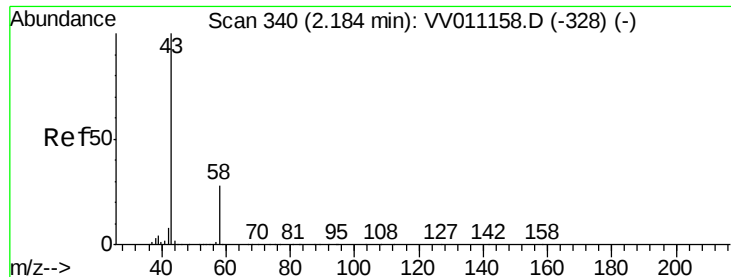
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 262.933 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.00 min

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Acq: 31 May 2019 04:44

Instrument :

MSVOA_V

ClientSampleId :

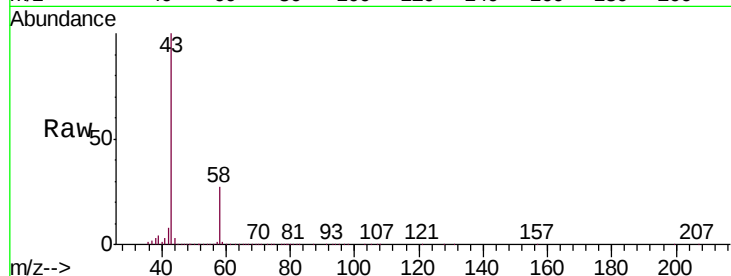
A51E1

Tgt Ion: 43 Resp: 489454

Ion Ratio Lower Upper

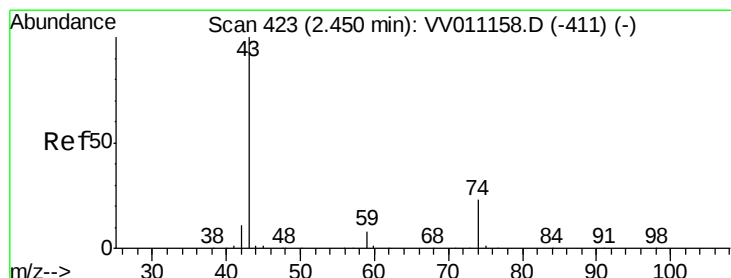
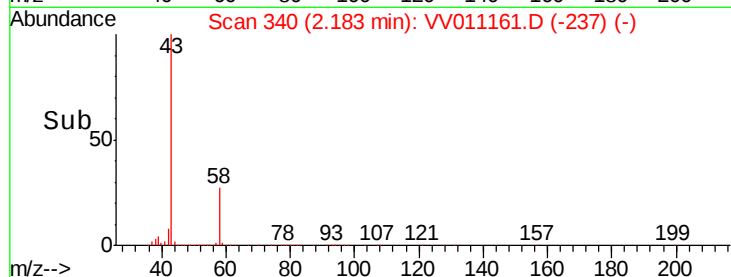
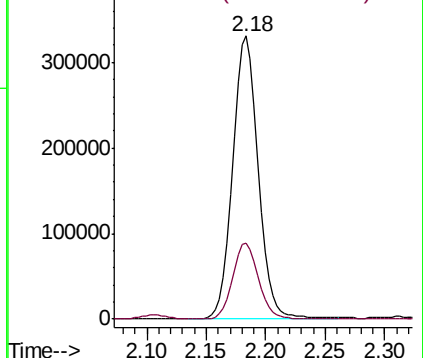
43 100

58 27.0 0.0 53.8



Abundance Ion 43.00 (42.70 to 43.70): VV011158.D (-328) (-)

Ion 58.00 (57.70 to 58.70): VV011158.D (-328) (-)



#15

Methyl Acetate

Concen: 27.076 ug/L

RT: 2.45 min Scan# 423

Delta R.T. -0.00 min

Lab File: VV011161.D

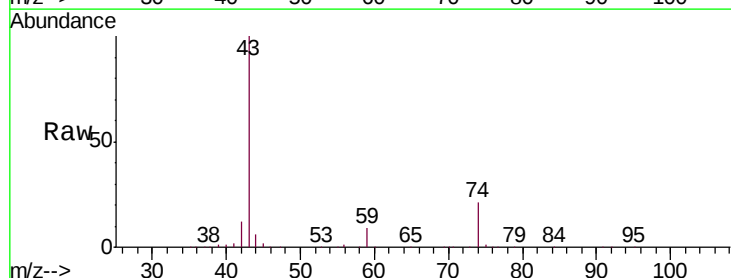
Acq: 31 May 2019 04:44

Tgt Ion: 43 Resp: 75842

Ion Ratio Lower Upper

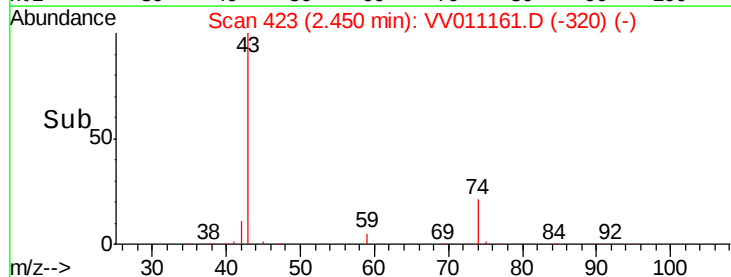
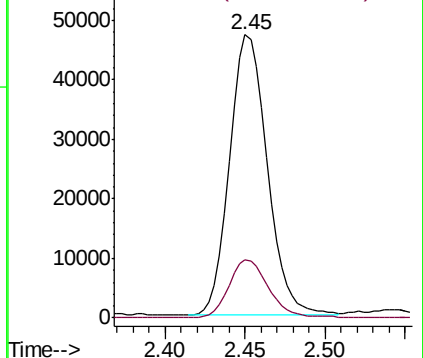
43 100

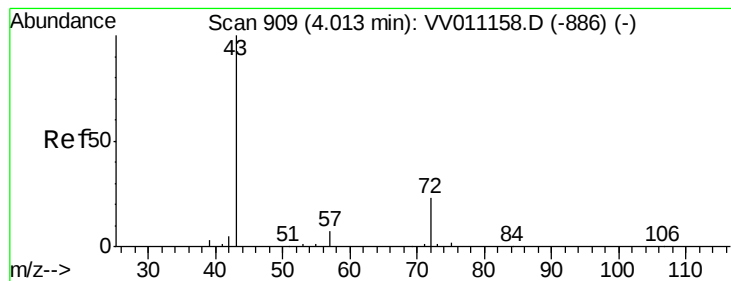
74 21.6 16.2 24.4



Abundance Ion 43.00 (42.70 to 43.70): VV011158.D (-411) (-)

Ion 74.00 (73.70 to 74.70): VV011158.D (-411) (-)





#21

2-Butanone

Concen: 5.703 ug/L

RT: 4.03 min Scan# 914

Delta R.T. 0.02 min

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ClientSampleId :

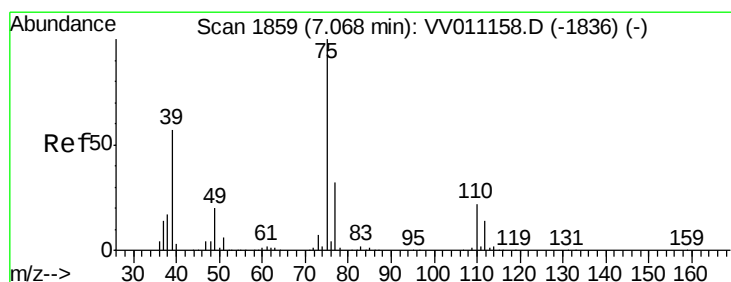
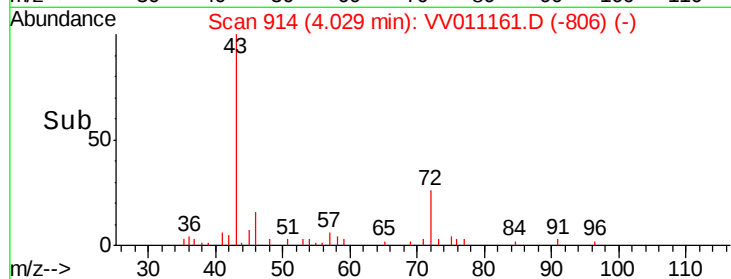
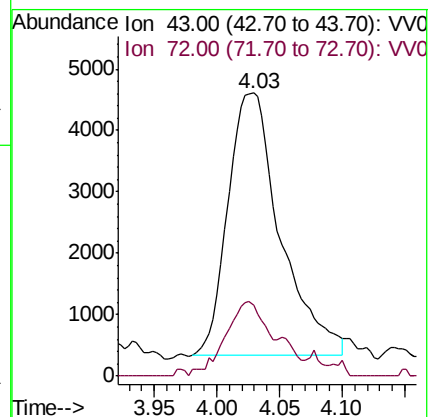
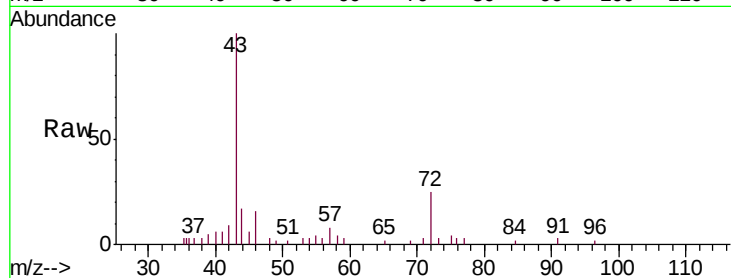
A51E1

Tgt Ion: 43 Resp: 12456

Ion Ratio Lower Upper

43 100

72 18.0 11.1 33.3



#42

cis-1,3-Dichloropropene

Concen: 0.660 ug/L

RT: 7.03 min Scan# 1846

Delta R.T. -0.04 min

Lab File: VV011161.D

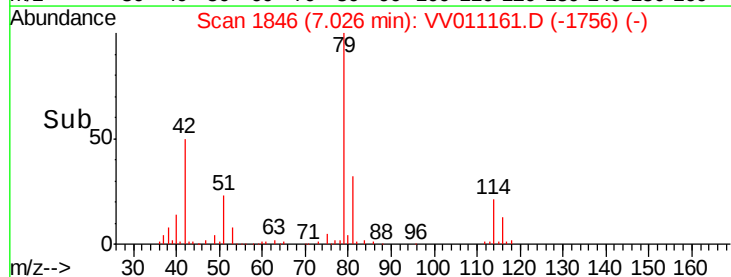
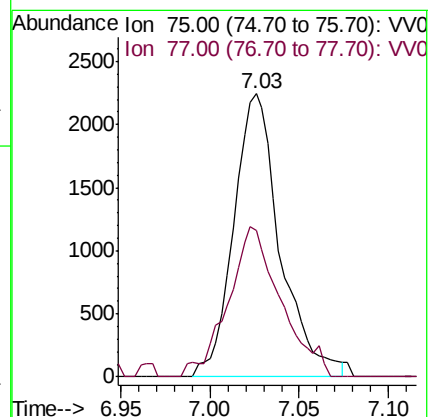
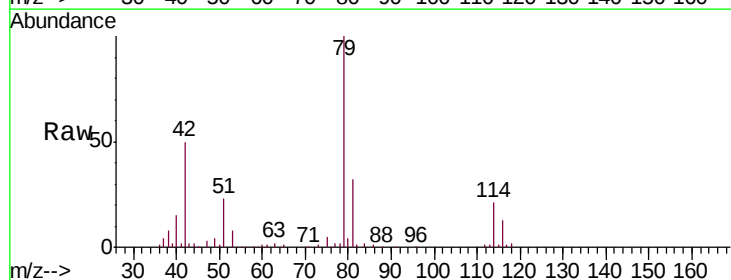
Acq: 31 May 2019 04:44

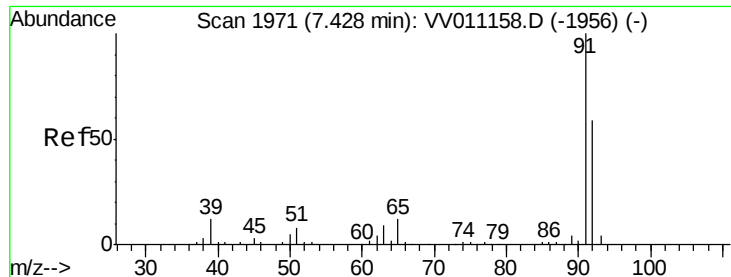
Tgt Ion: 75 Resp: 4079

Ion Ratio Lower Upper

75 100

77 51.9 21.3 39.6#





#44

Toluene

Concen: 1.207 ug/L

RT: 7.43 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VV011161.D

Acq: 31 May 2019 04:44

Instrument :

MSVOA_V

ClientSampleId :

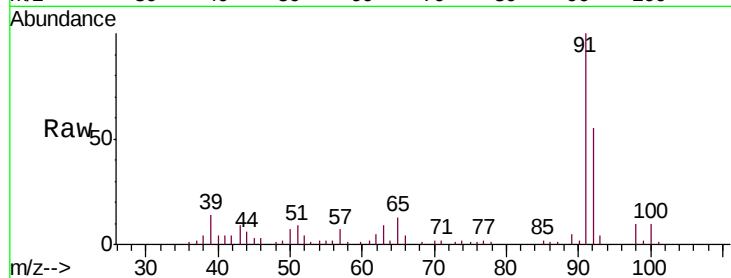
A51E1

Tgt Ion: 91 Resp: 19485

Ion Ratio Lower Upper

91 100

92 54.7 39.9 74.1



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0

