

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU053020\
 Data File : VU038396.D
 Acq On : 29 May 2020 23:06
 Operator : JC/MD
 Sample : L2766-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BE4Z5

Quant Time: May 30 02:17:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 30 00:03:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	295531	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	292877	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	142153	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	92630	3.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.60%
7) Chloroethane-d5	1.93	69	85211	3.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.80%
11) 1,1-Dichloroethene-d2	2.59	63	140292	3.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.00%
20) 2-Butanone-d5	4.67	46	340917	51.12	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.24%
24) Chloroform-d	5.10	84	200938	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.74	65	117678	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	5.76	84	407686	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.72	67	129448	4.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.40%
41) Toluene-d8	7.92	98	356923	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
43) trans-1,3-Dichloropropene-	8.20	79	49664	4.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.60%
46) 2-Hexanone-d5	8.65	63	279443	52.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.30%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	109829	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	143969	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

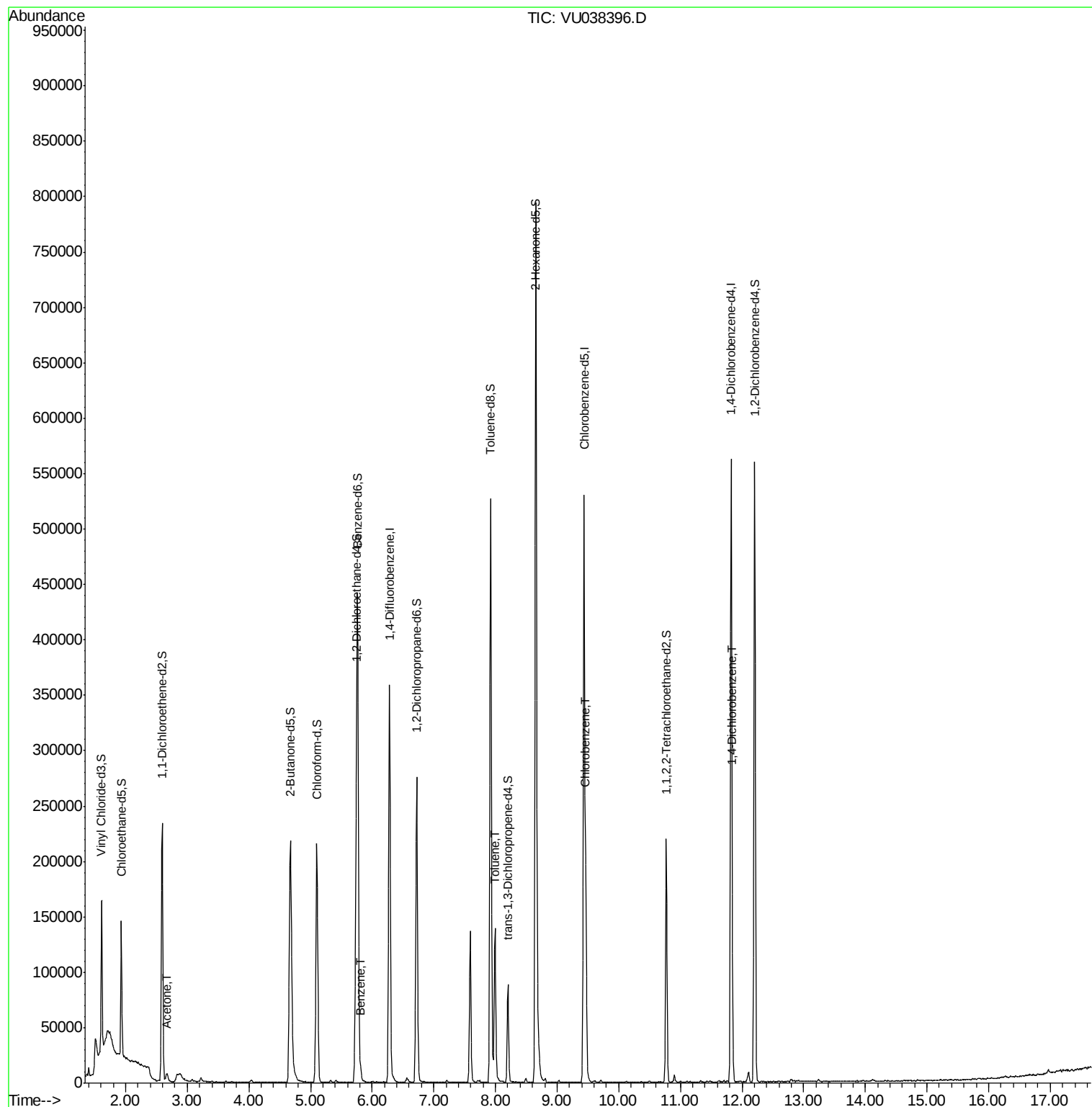
					Qvalue
13) Acetone	2.67	43	10931	2.61	ug/L 80
33) Benzene	5.81	78	7875	0.08	ug/L 100
42) Toluene	7.99	91	98900	1.00	ug/L 96
51) Chlorobenzene	9.47	112	90959	1.48	ug/L 98
63) 1,4-Dichlorobenzene	11.85	146	12604	0.27	ug/L 96

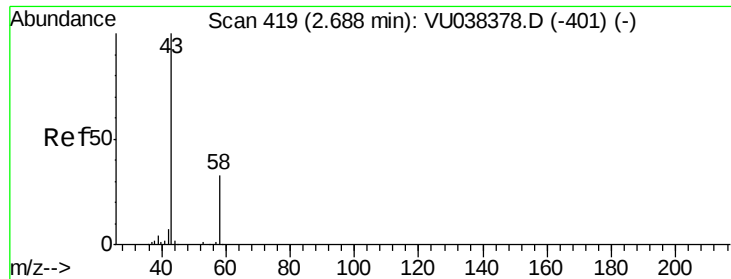
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 2.61 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.02 min

Lab File: VU038396.D

Acq: 29 May 2020 23:06

Instrument :

MSVOA_U

ClientSampleId :

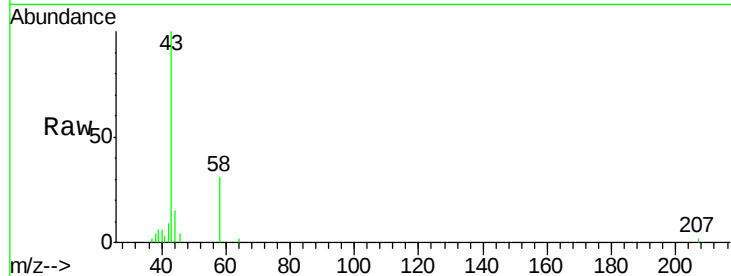
BE4Z5

Tgt Ion: 43 Resp: 10931

Ion Ratio Lower Upper

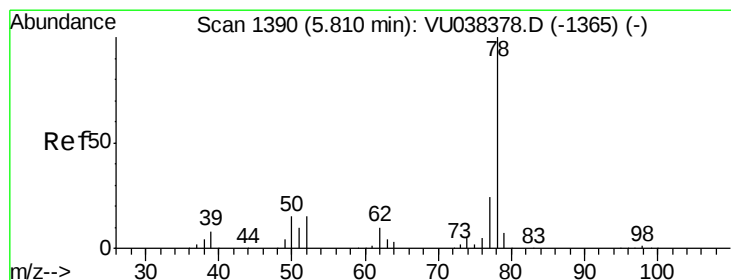
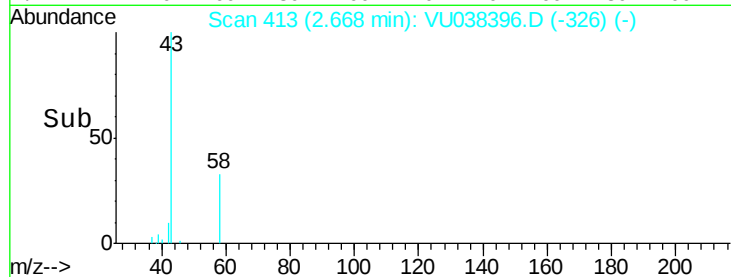
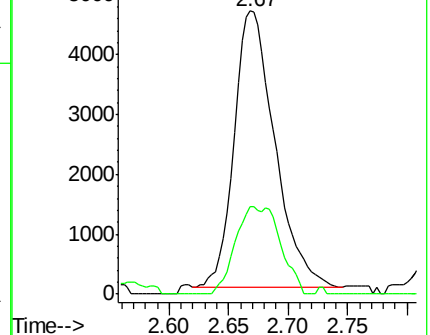
43 100

58 20.5 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU038378.D (-401) (-)

Ion 58.05 (57.75 to 58.75): VU038378.D (-401) (-)



#33

Benzene

Concen: 0.08 ug/L

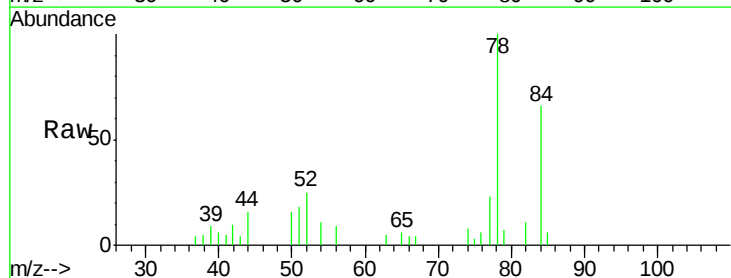
RT: 5.81 min Scan# 1391

Delta R.T. 0.00 min

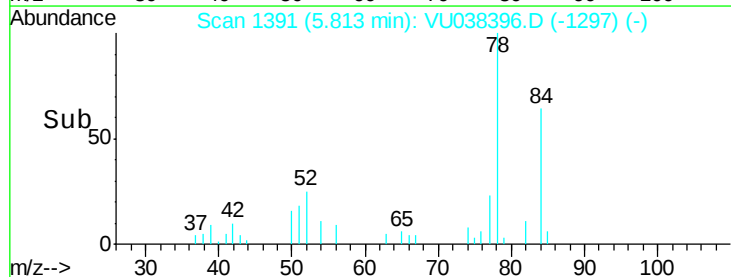
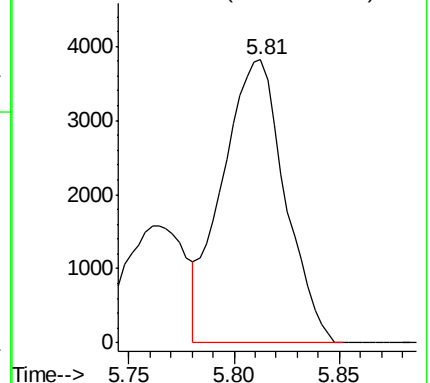
Lab File: VU038396.D

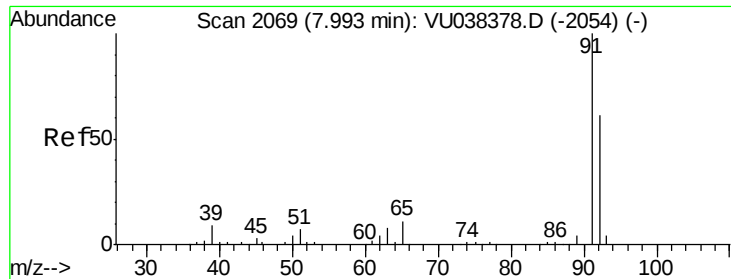
Acq: 29 May 2020 23:06

Tgt Ion: 78 Resp: 7875



Abundance Ion 78.10 (77.80 to 78.80): VU038378.D (-1365) (-)





#42

Toluene

Concen: 1.00 ug/L

RT: 7.99 min Scan# 2069

Delta R.T. -0.00 min

Lab File: VU038396.D

Acq: 29 May 2020 23:06

Instrument :

MSVOA_U

ClientSampleId :

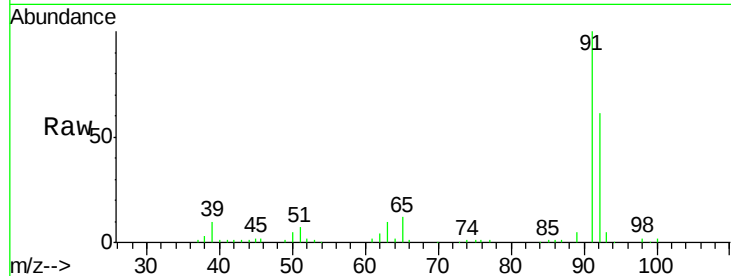
BE4Z5

Tgt Ion: 91 Resp: 98900

Ion Ratio Lower Upper

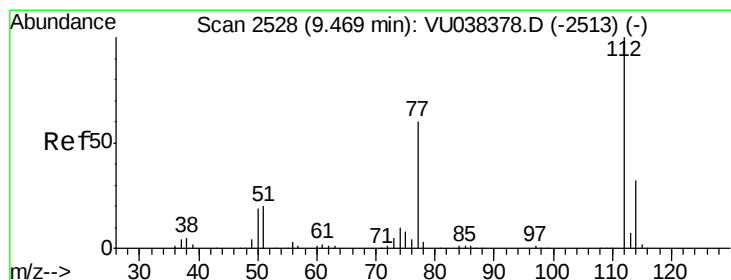
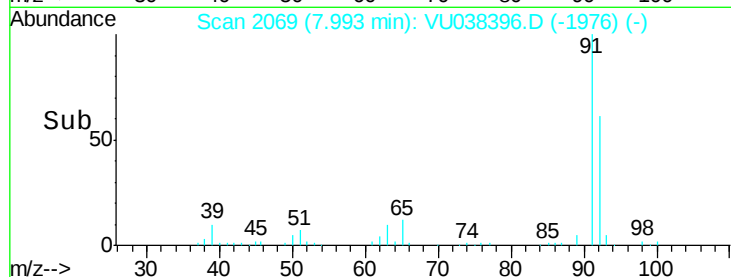
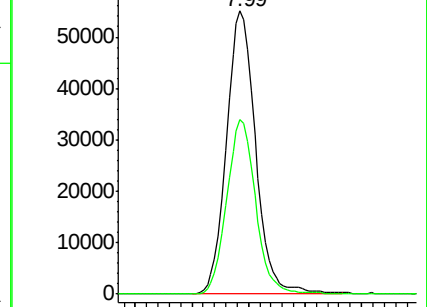
91 100

92 61.5 40.9 75.9



Abundance Ion 91.15 (90.85 to 91.85): VU038378.D (-2054) (-)

Ion 92.15 (91.85 to 92.85): VU038396.D (-1976) (-)



#51

Chlorobenzene

Concen: 1.48 ug/L

RT: 9.47 min Scan# 2527

Delta R.T. -0.00 min

Lab File: VU038396.D

Acq: 29 May 2020 23:06

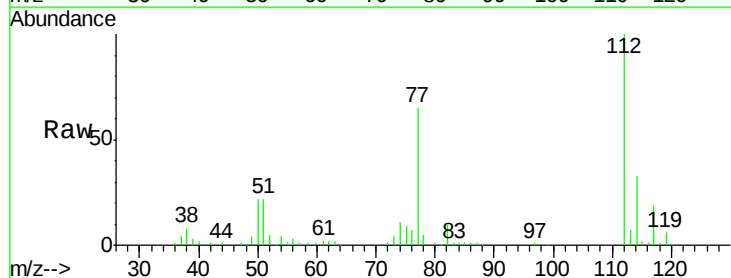
Tgt Ion: 112 Resp: 90959

Ion Ratio Lower Upper

112 100

114 32.6 22.5 41.7

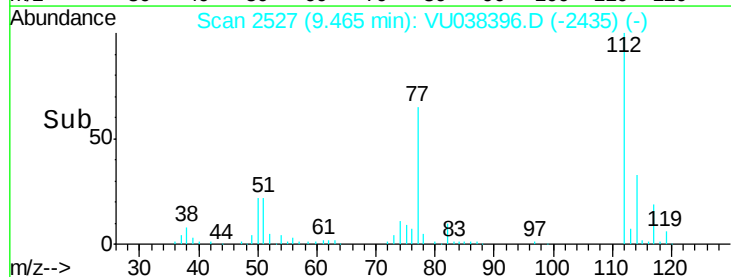
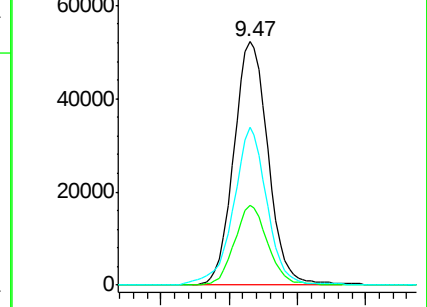
77 64.6 49.9 74.9

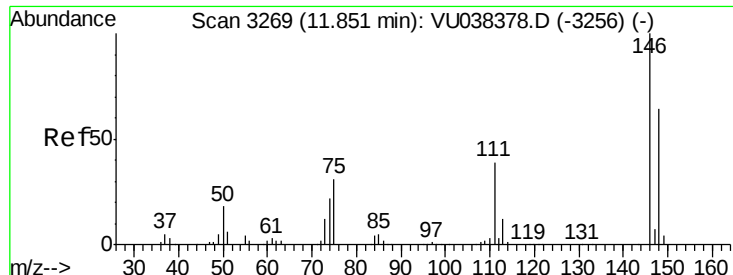


Abundance Ion 112.10 (111.80 to 112.80): VU038378.D (-2513) (-)

Ion 114.05 (113.75 to 114.75): VU038396.D (-2435) (-)

Ion 77.10 (76.80 to 77.80): VU038396.D (-2435) (-)





#63

1,4-Dichlorobenzene

Concen: 0.27 ug/L

RT: 11.85 min Scan# 3268

Delta R.T. -0.00 min

Lab File: VU038396.D

Acq: 29 May 2020 23:06

Instrument :

MSVOA_U

ClientSampleId :

BE4Z5

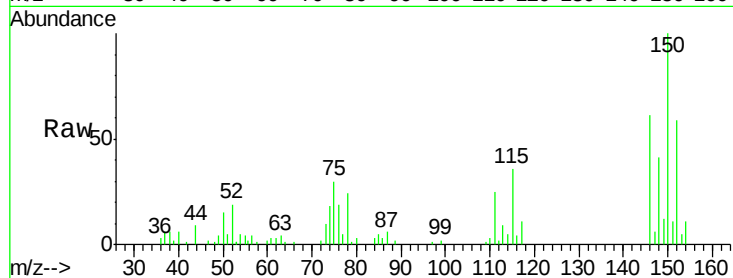
Tgt Ion:146 Resp: 12604

Ion Ratio Lower Upper

146 100

111 40.4 27.2 50.6

148 66.5 43.8 81.3



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

