

Data File : VU030551.D
Acq On : 29 Mar 2019 18:56
Operator : JC/SP
Sample : K2166-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF1G2

Quant Time: Mar 30 02:15:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 30 02:12:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	419306	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	398794	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	151765	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	145089	43.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.00%
7) Chloroethane-d5	1.68	69	125998	47.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.22%
11) 1,1-Dichloroethene-d2	2.27	63	215009	33.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.18%
21) 2-Butanone-d5	4.17	46	299528	94.42	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.42%
24) Chloroform-d	4.64	84	276059	47.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.96%
26) 1,2-Dichloroethane-d4	5.31	65	187254	49.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.44%
32) Benzene-d6	5.34	84	536033	46.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.74%
36) 1,2-Dichloropropane-d6	6.33	67	195769	50.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.06%
41) Toluene-d8	7.56	98	448519	43.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.34%
43) trans-1,3-Dichloropropene-	7.85	79	80021	43.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.98%
47) 2-Hexanone-d5	8.31	63	190356	89.78	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.78%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	270089	48.24	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.48%
64) 1,2-Dichlorobenzene-d4	11.86	152	154556	50.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.66%

Target Compounds

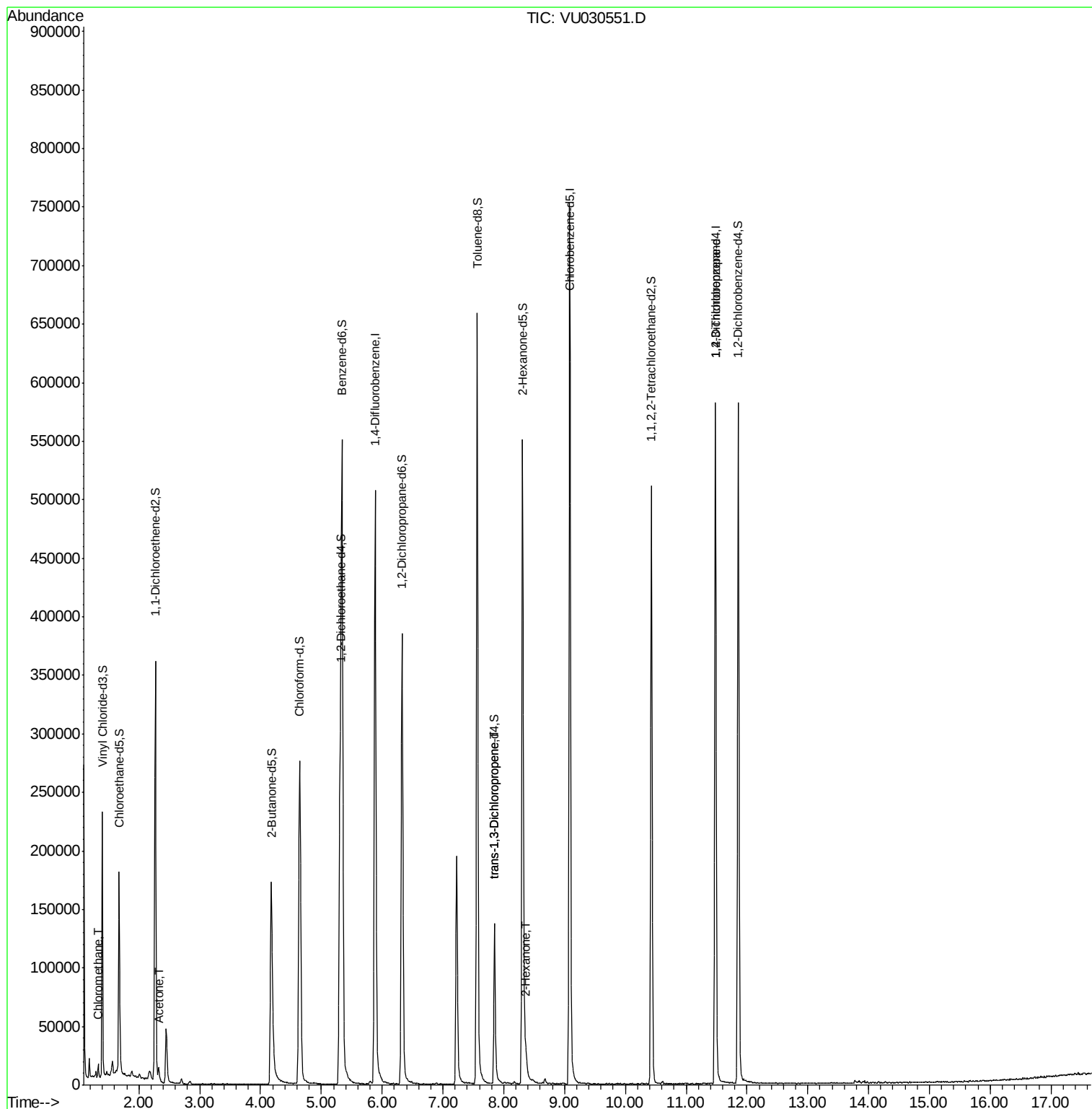
					Qvalue
3) Chloromethane	1.33	50	7503	1.450 ug/L	99
13) Acetone	2.32	43	10113	3.152 ug/L	100
44) trans-1,3-Dichloropropene	7.85	75	3211	0.659 ug/L	99
48) 2-Hexanone	8.37	43	9687	1.826 ug/L #	44
59) 1,2,3-Trichloropropane	11.48	75	20675	4.409 ug/L	93

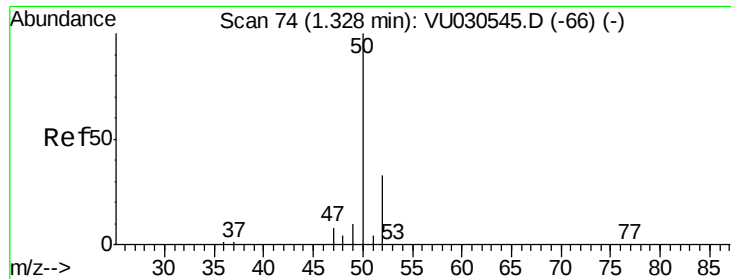
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.450 ug/L

RT: 1.33 min Scan# 75

Delta R.T. 0.00 min

Lab File: VU030551.D

Acq: 29 Mar 2019 18:56

Instrument :

MSVOA_U

ClientSampleId :

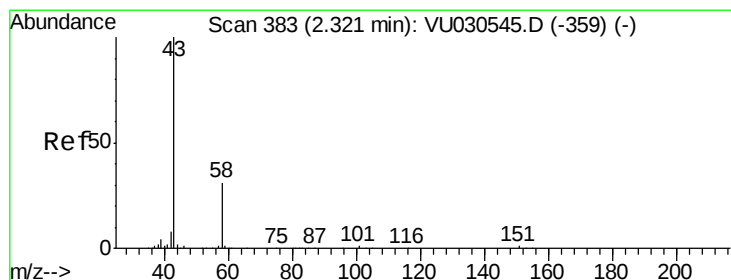
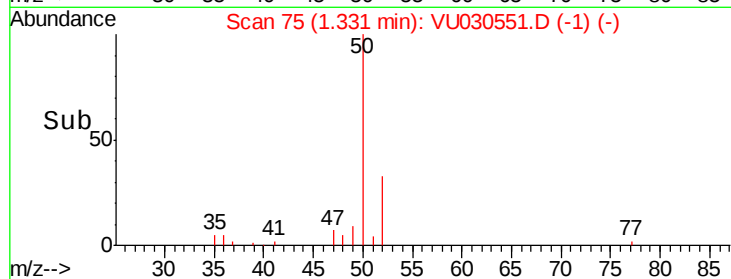
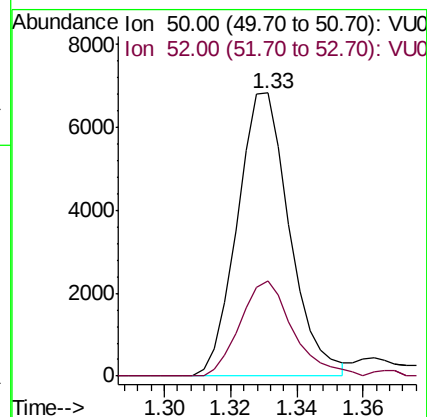
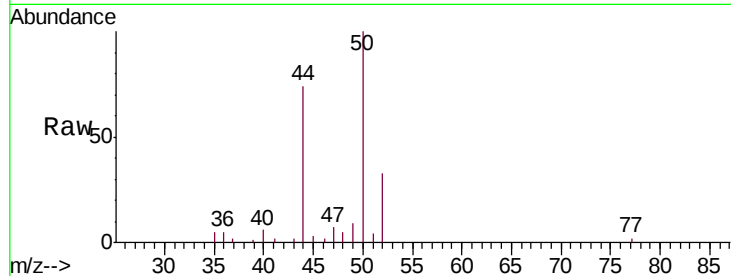
BF1G2

Tgt Ion: 50 Resp: 7503

Ion Ratio Lower Upper

50 100

52 33.5 23.0 42.6



#13

Acetone

Concen: 3.152 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.00 min

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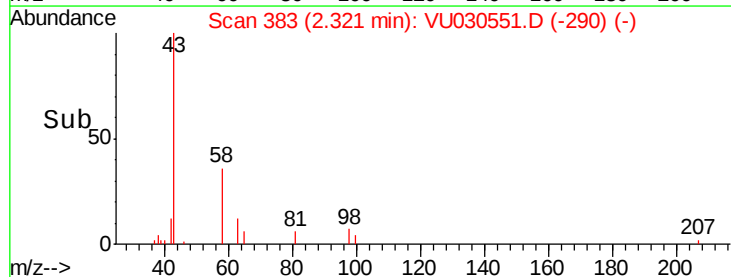
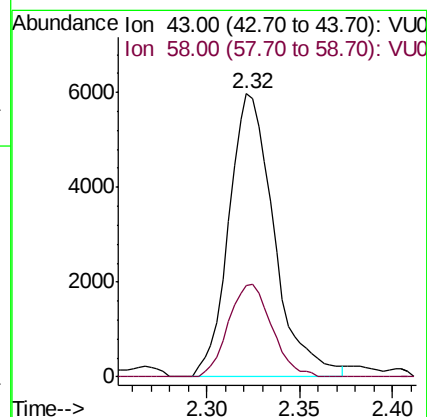
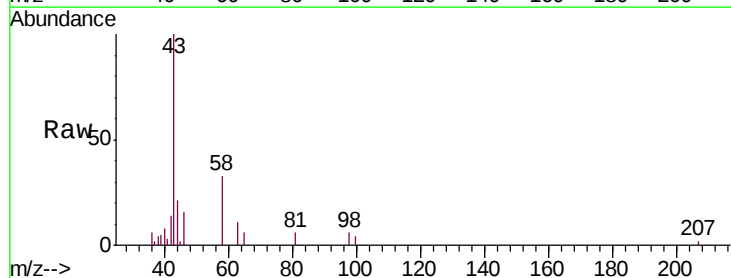
Acq: 29 Mar 2019 18:56

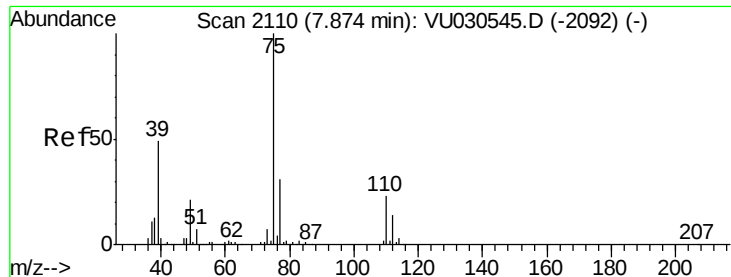
Tgt Ion: 43 Resp: 10113

Ion Ratio Lower Upper

43 100

58 31.4 0.0 62.8

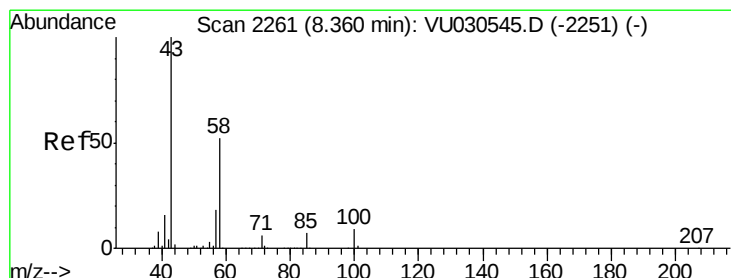
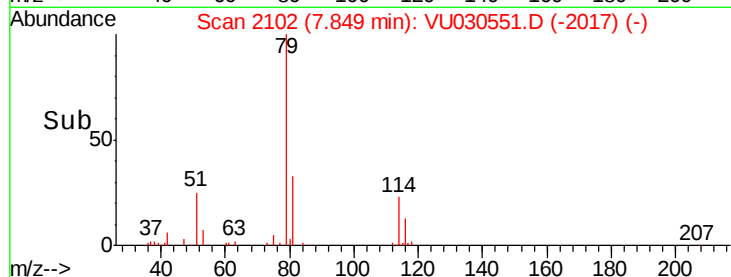
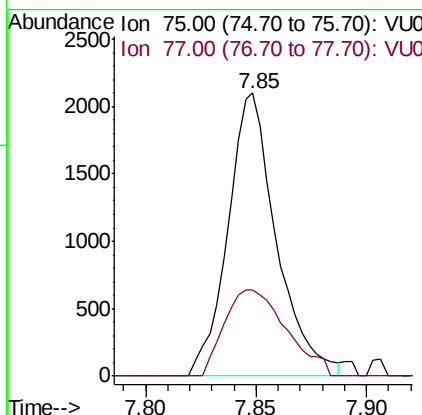
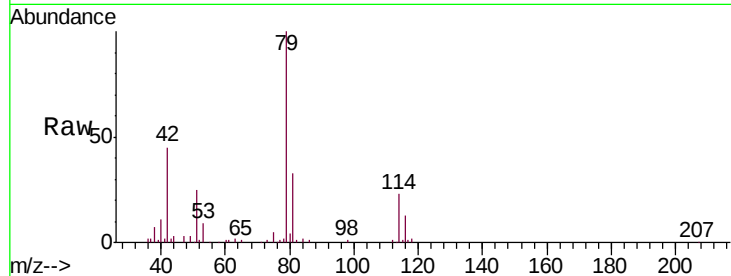




#44
 trans-1,3-Dichloropropene
 Concen: 0.659 ug/L
 RT: 7.85 min Scan# 2102
 Delta R.T. -0.03 min
 Lab File: VU030551.D
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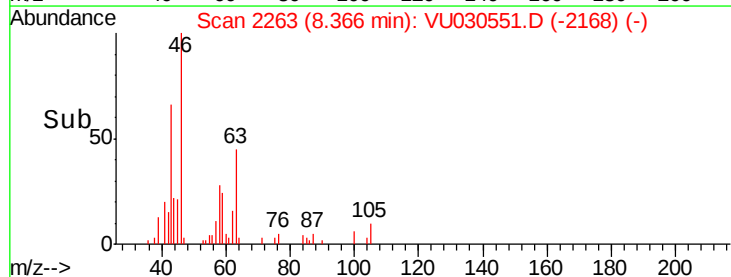
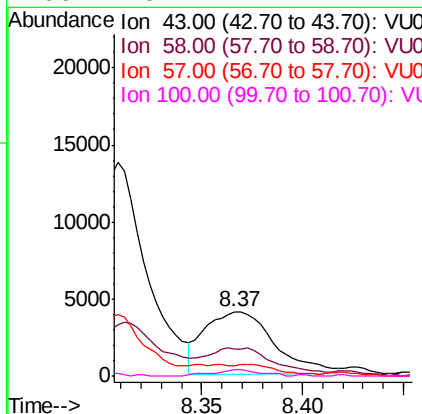
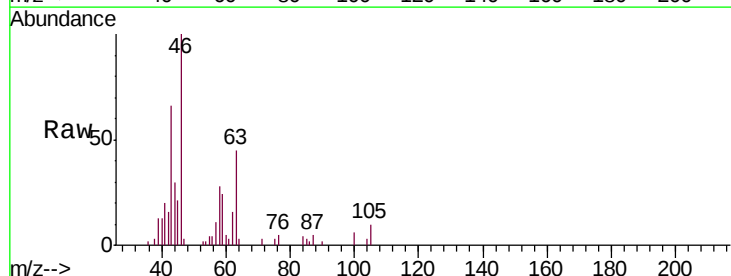
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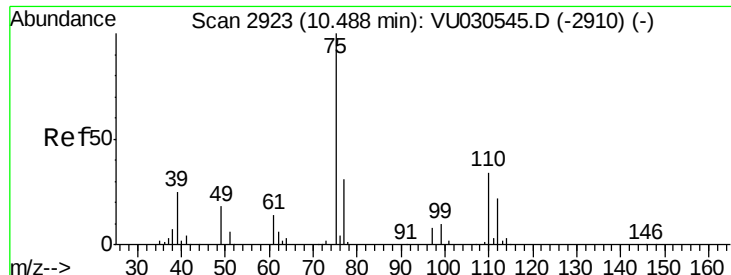
Tgt Ion: 75 Resp: 3211
 Ion Ratio Lower Upper
 75 100
 77 30.6 22.0 40.8



#48
 2-Hexanone
 Concen: 1.826 ug/L
 RT: 8.37 min Scan# 2263
 Delta R.T. 0.01 min
 Lab File: VU030551.D
 Acq: 29 Mar 2019 18:56

Tgt Ion: 43 Resp: 9687
 Ion Ratio Lower Upper
 43 100
 58 3.9 42.5 63.7#
 57 0.0 15.0 22.6#
 100 6.7 7.4 11.2#





#59

1,2,3-Trichloropropane

Concen: 4.409 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030551.D

Acq: 29 Mar 2019 18:56

Instrument :

MSVOA_U

ClientSampleId :

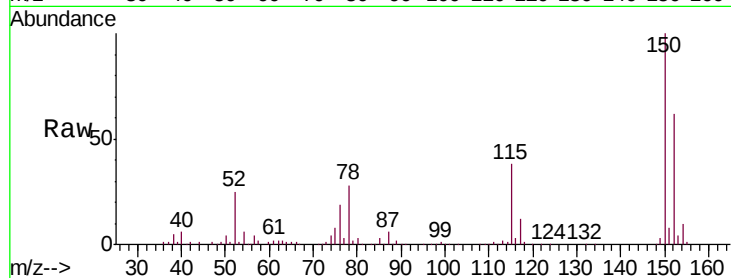
BF1G2

Tgt Ion: 75 Resp: 20675

Ion Ratio Lower Upper

75 100

77 35.8 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

