

Data File : VU036914.D
Acq On : 26 Feb 2020 14:55
Operator : JC/MD
Sample : L1687-04 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AS4

Quant Time: Feb 27 04:50:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 27 04:47:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	251945	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	234309	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	89474	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	94945	44.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.76%
7) Chloroethane-d5	1.93	69	85308	48.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.46%
11) 1,1-Dichloroethene-d2	2.59	63	121802	34.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.76%
21) 2-Butanone-d5	4.67	46	157186	110.76	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.76%
24) Chloroform-d	5.11	84	158338	49.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.02%
26) 1,2-Dichloroethane-d4	5.74	65	109495	50.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.16%
32) Benzene-d6	5.76	84	344607	50.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.72%
36) 1,2-Dichloropropane-d6	6.73	67	114566	52.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.38%
41) Toluene-d8	7.93	98	311589	49.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.14%
43) trans-1,3-Dichloropropene-	8.20	79	48922	47.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.92%
47) 2-Hexanone-d5	8.66	63	114718	106.88	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.88%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	158529	51.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.44%
64) 1,2-Dichlorobenzene-d4	12.21	152	93410	53.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.82%

Target Compounds

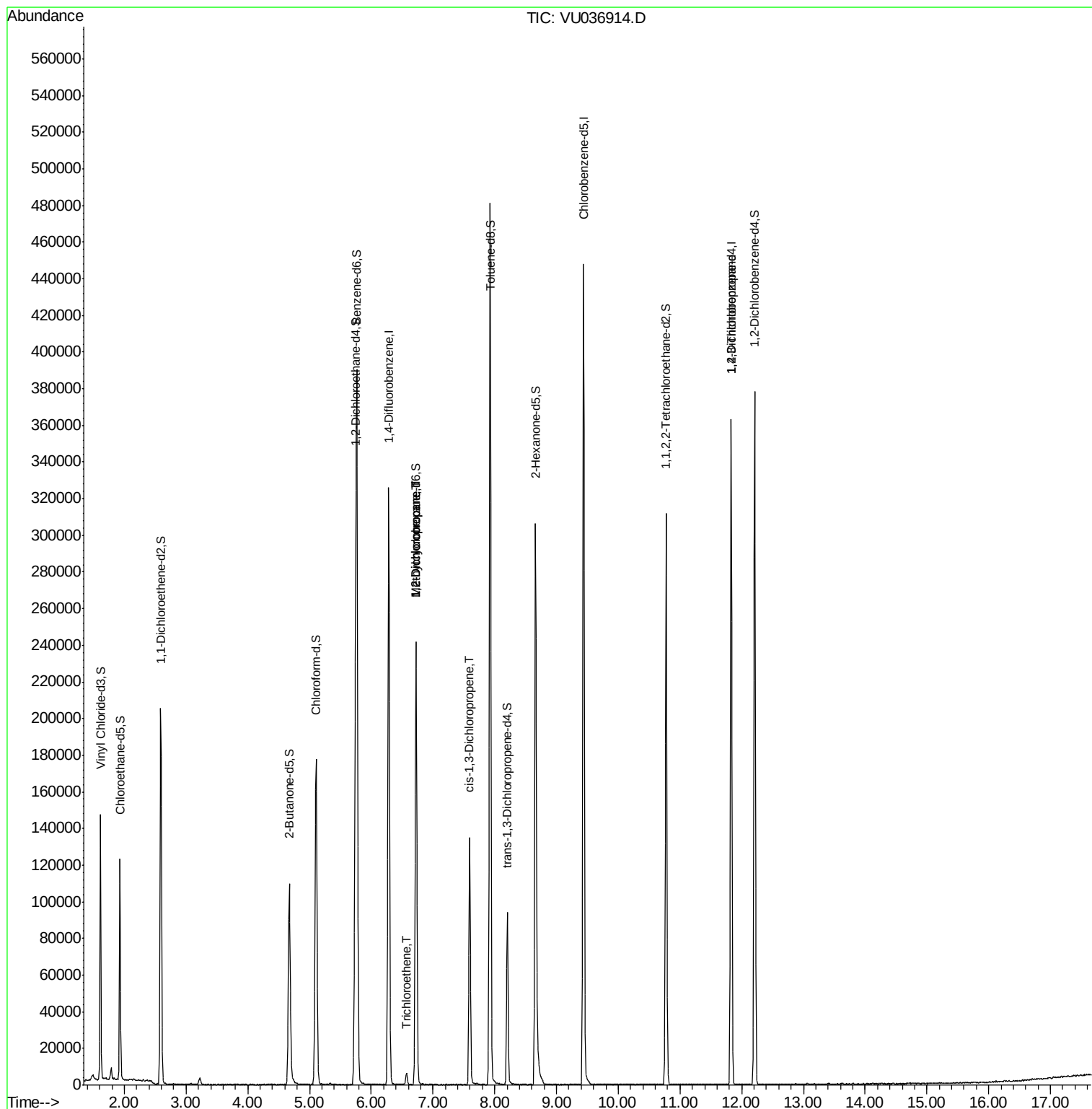
					Qvalue
34) Trichloroethene	6.57	95	1653	0.909 ug/L	93
35) Methylcyclohexane	6.73	83	25190	7.986 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	12683	6.364 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3017	0.983 ug/L #	65
59) 1,2,3-Trichloropropane	11.83	75	13474	5.255 ug/L	94

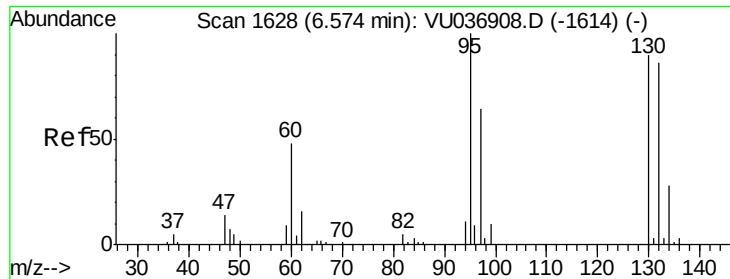
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 0.909 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VU036914.D

Acq: 26 Feb 2020 14:55

Instrument :

MSVOA_U

ClientSampled :

C0AS4

Tgt Ion: 95 Resp: 1653

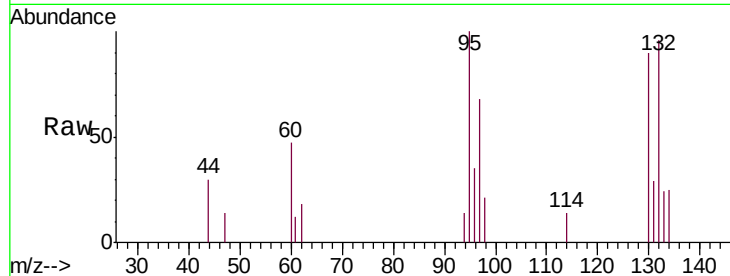
Ion Ratio Lower Upper

95 100

97 68.4 44.1 81.9

132 96.4 60.6 112.6

130 90.4 64.9 120.5

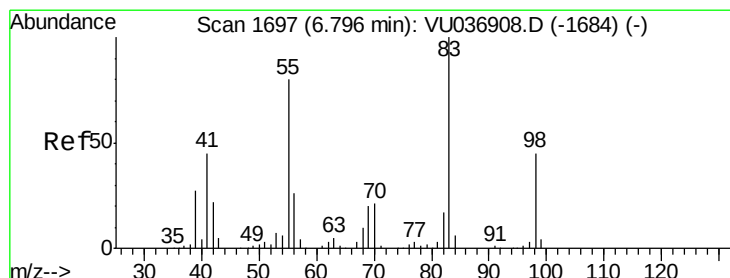
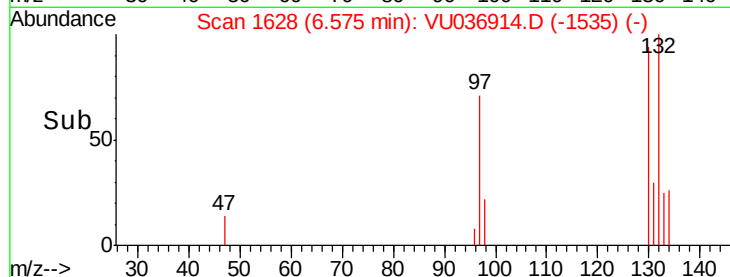
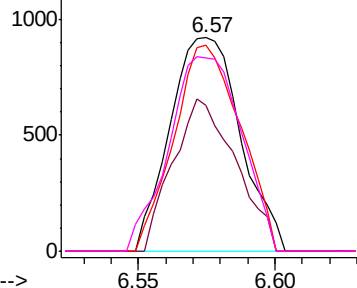


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#35

Methylcyclohexane

Concen: 7.986 ug/L

RT: 6.73 min Scan# 1675

Delta R.T. -0.07 min

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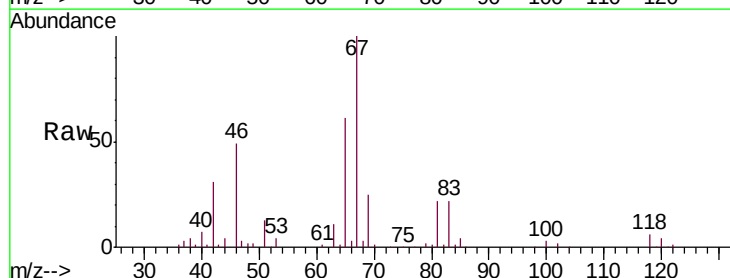
Tgt Ion: 83 Resp: 25190

Ion Ratio Lower Upper

83 100

55 0.0 62.6 93.8#

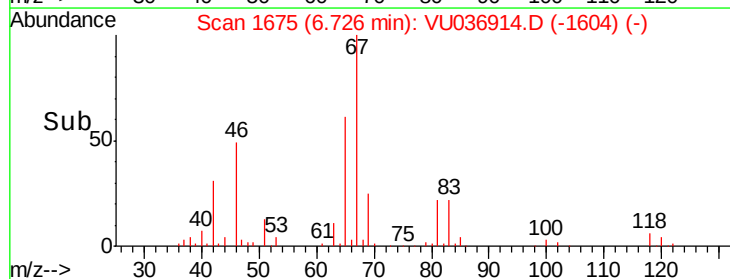
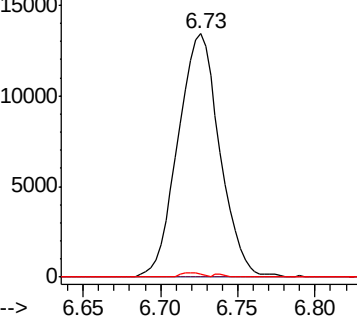
98 0.9 35.1 52.7#

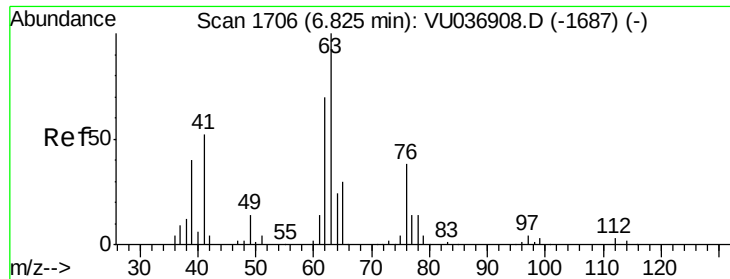


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

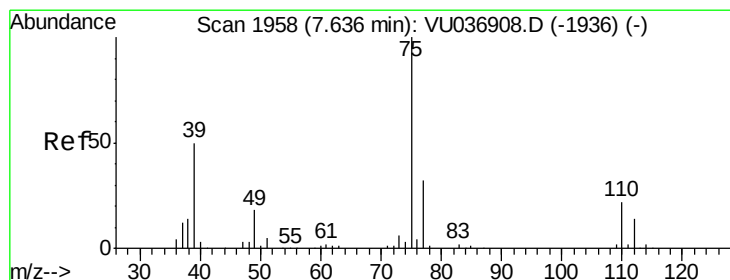
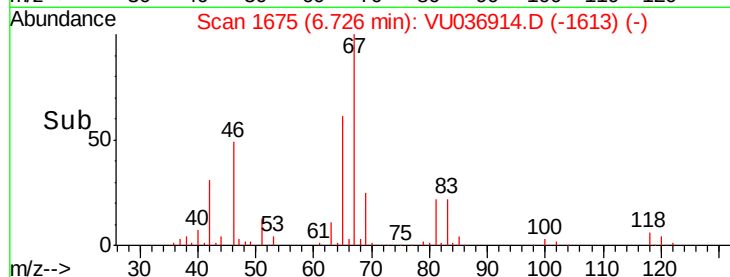
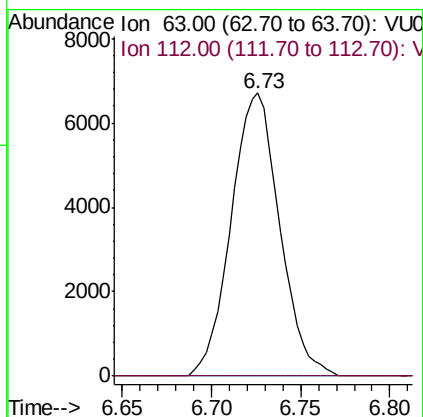
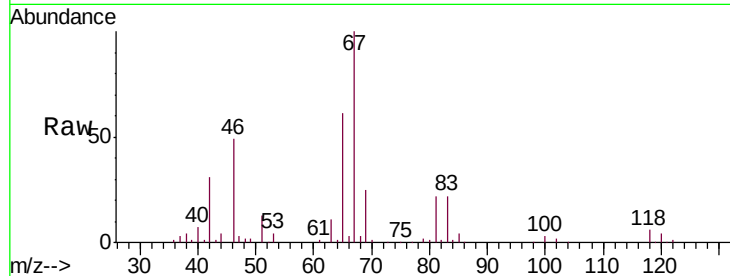




#37
 1,2-Dichloropropane
 Concen: 6.364 ug/L
 RT: 6.73 min Scan# 1675
 Delta R.T. -0.10 min
 Lab File: VU036914.D
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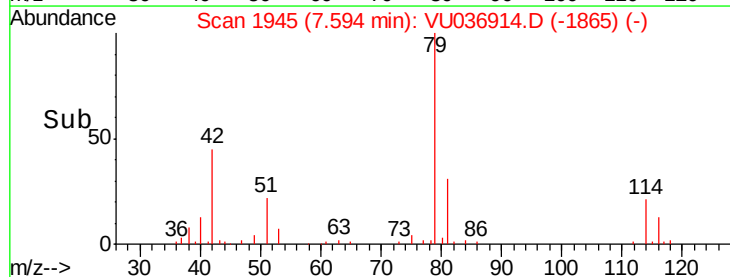
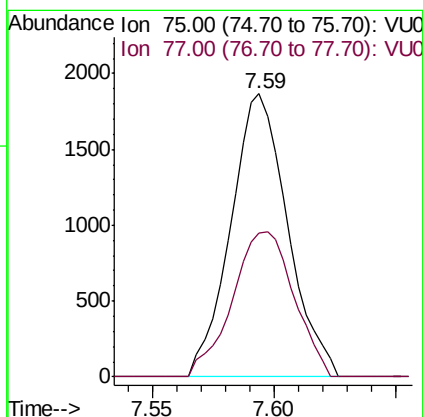
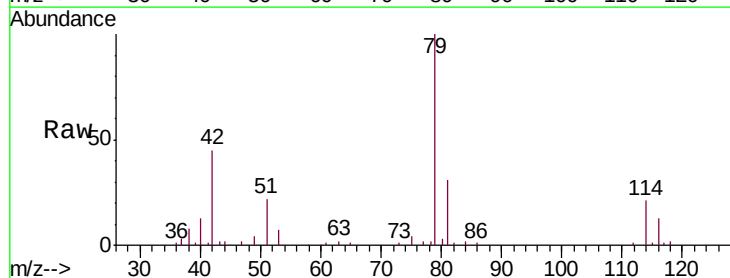
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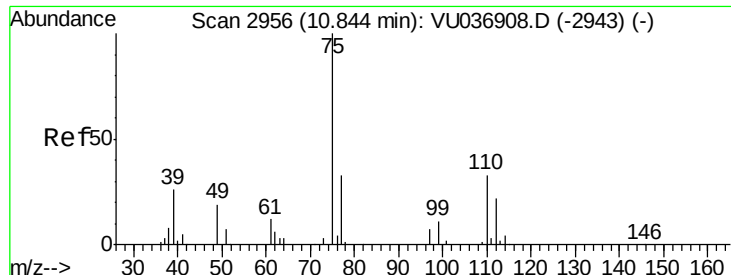
Tgt Ion: 63 Resp: 12683
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.983 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU036914.D
 Acq: 26 Feb 2020 14:55

Tgt Ion: 75 Resp: 3017
 Ion Ratio Lower Upper
 75 100
 77 50.9 22.0 41.0#





#59

1,2,3-Trichloropropane

Concen: 5.255 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.98 min

Lab File: VU036914.D

Acq: 26 Feb 2020 14:55

Instrument :

MSVOA_U

ClientSampleId :

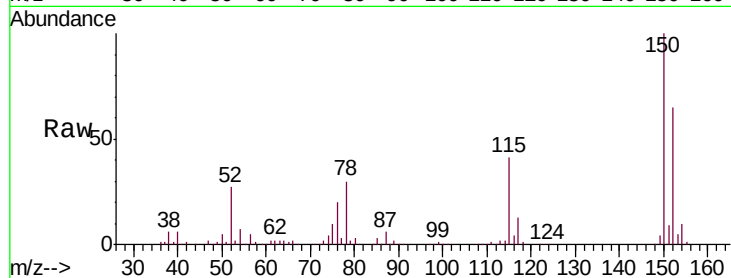
C0AS4

Tgt Ion: 75 Resp: 13474

Ion Ratio Lower Upper

75 100

77 36.3 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

