

Data File : VU035725.D
Acq On : 15 Nov 2019 14:39
Operator : JC/SP
Sample : K5856-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAQG1

Quant Time: Nov 16 01:41:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 16 01:36:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	216306	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	241605	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	104163	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	80675	3.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.40%
7) Chloroethane-d5	1.93	69	77711	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.40%
11) 1,1-Dichloroethene-d2	2.59	63	103834	2.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.40%#
20) 2-Butanone-d5	4.71	46	236473	48.10	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.20%
24) Chloroform-d	5.11	84	159735	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	5.75	65	87250	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
32) Benzene-d6	5.77	84	302185	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.40%
36) 1,2-Dichloropropane-d6	6.74	67	105265	4.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.60%
41) Toluene-d8	7.93	98	243960	3.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.80%#
43) trans-1,3-Dichloropropene-	8.22	79	37179	3.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.60%
46) 2-Hexanone-d5	8.68	63	160837	41.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.58%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	94444	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	92570	4.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.60%

Target Compounds

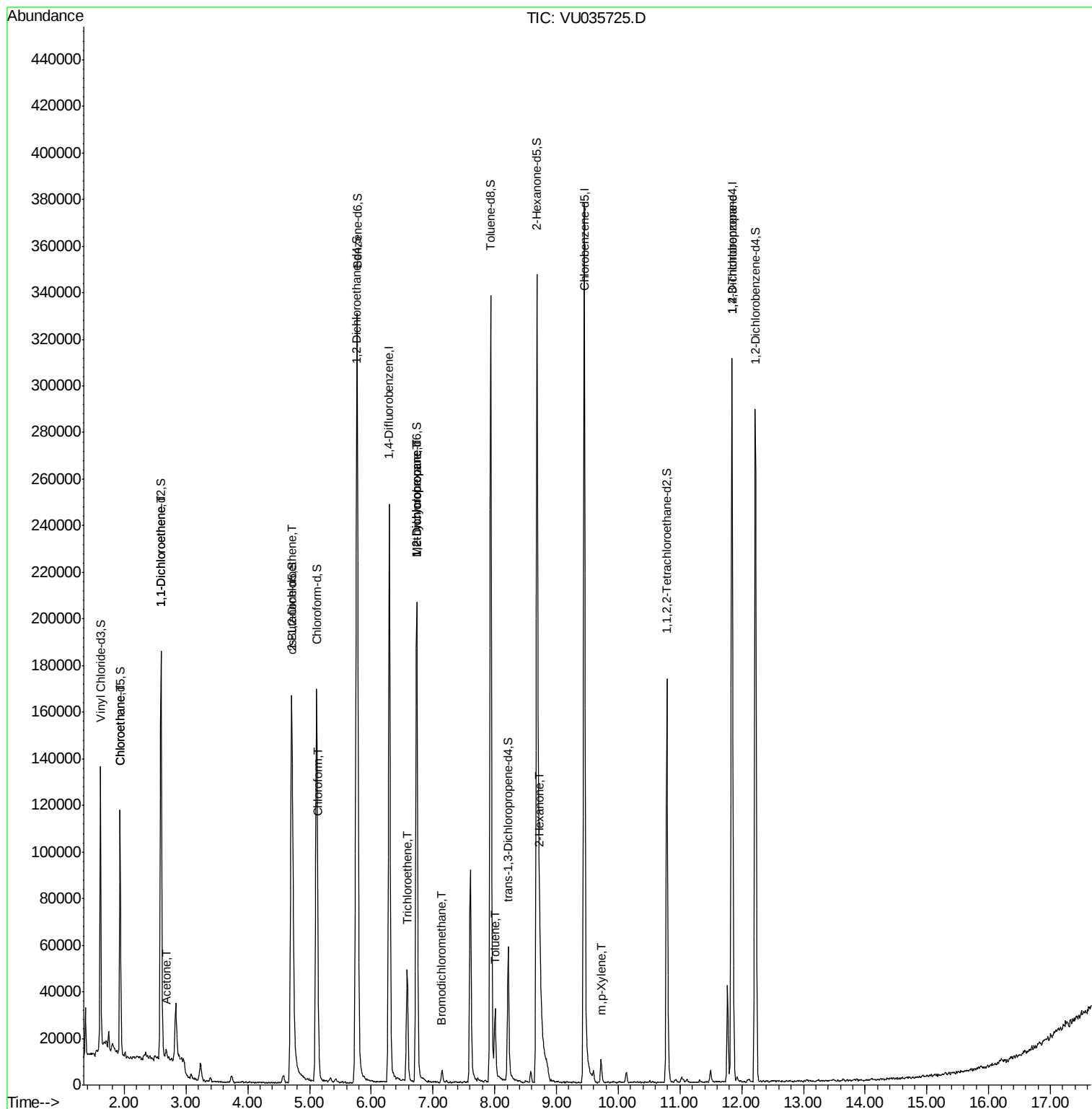
					Qvalue
8) Chloroethane	1.94	64	1516	0.096 ug/L #	59
12) 1,1-Dichloroethene	2.59	96	1679	0.088 ug/L #	1
13) Acetone	2.68	43	3835	1.082 ug/L	94
22) cis-1,2-Dichloroethene	4.72	96	10497	0.485 ug/L	90
25) Chloroform	5.14	83	10453	0.264 ug/L	98
34) Trichloroethene	6.58	95	17008	0.782 ug/L	94
35) Methylcyclohexane	6.74	83	24937	0.752 ug/L #	18
37) 1,2-Dichloropropane	6.74	63	10812	0.483 ug/L #	89
38) Bromodichloromethane	7.15	83	4238	0.156 ug/L	97
42) Toluene	8.00	91	20204	0.226 ug/L	93
48) 2-Hexanone	8.73	43	16178	1.767 ug/L #	87
53) m,p-Xylene	9.73	106	3215	0.090 ug/L	97
59) 1,2,3-Trichloropropane	11.84	75	11569	0.781 ug/L	91

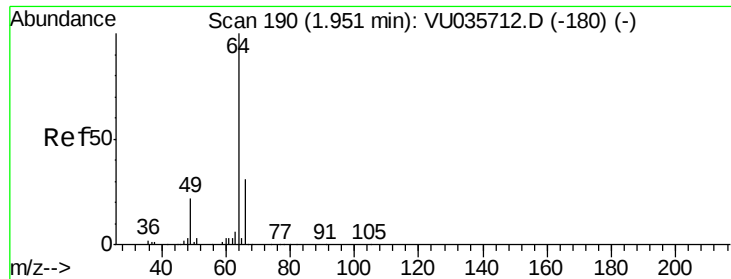
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.096 ug/L

RT: 1.94 min Scan# 187

Delta R.T. -0.01 min

Lab File: VU035725.D

Acq: 15 Nov 2019 14:39

Instrument :

MSVOA_U

ClientSampleId :

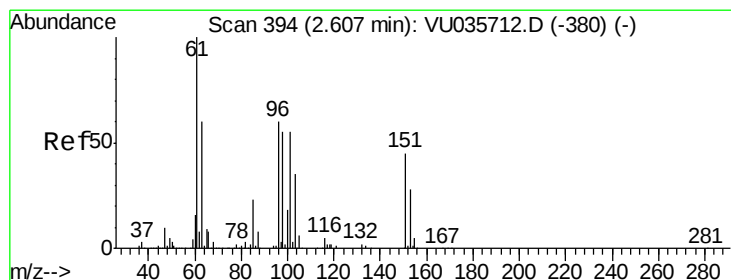
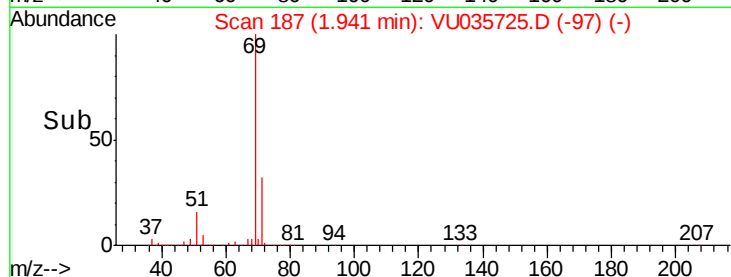
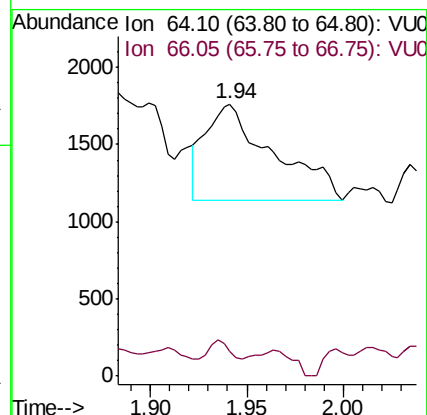
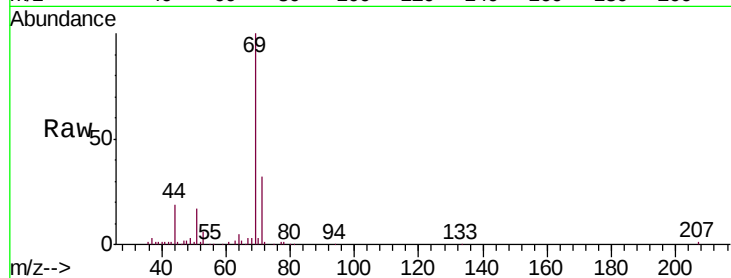
GAQG1

Tgt Ion: 64 Resp: 1516

Ion Ratio Lower Upper

64 100

66 9.3 22.5 41.7#



#12

1,1-Dichloroethene

Concen: 0.088 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU035725.D

Acq: 15 Nov 2019 14:39

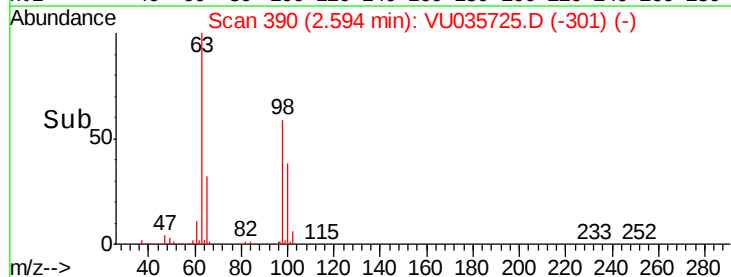
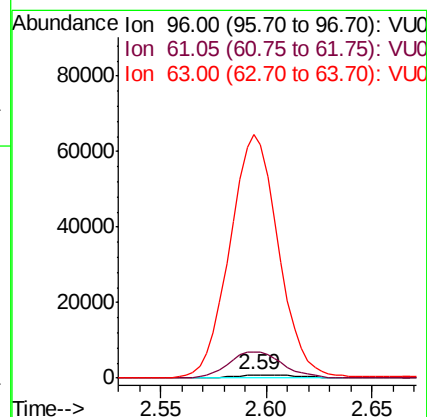
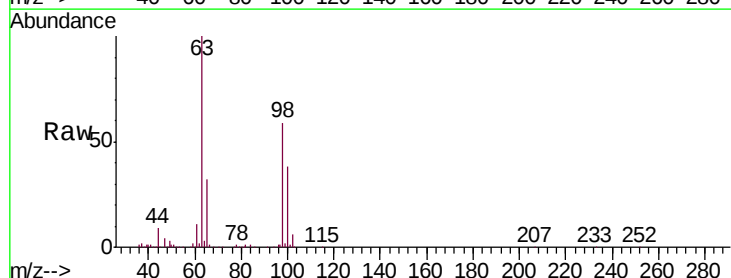
Tgt Ion: 96 Resp: 1679

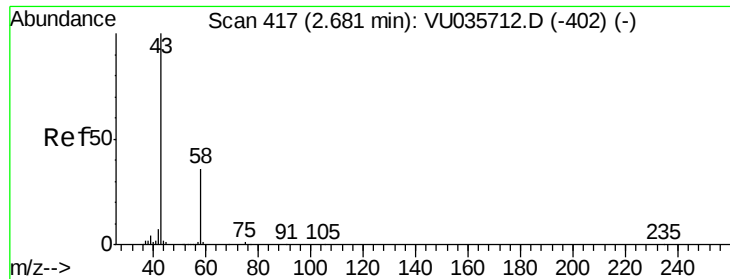
Ion Ratio Lower Upper

96 100

61 882.3 123.1 228.5#

63 8089.3 87.8 163.0#





#13

Acetone

Concen: 1.082 ug/L

RT: 2.68 min Scan# 416

Delta R.T. -0.00 min

Lab File: VU035725.D

Acq: 15 Nov 2019 14:39

Instrument :

MSVOA_U

ClientSampled :

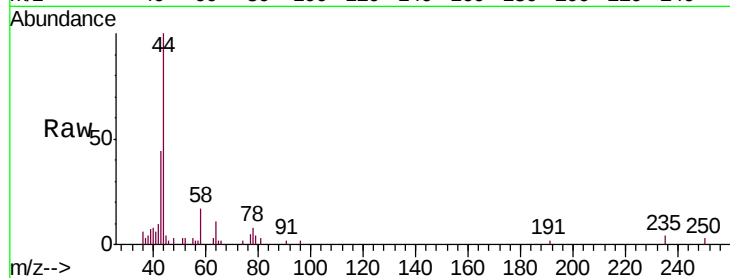
GAQG1

Tgt Ion: 43 Resp: 3835

Ion Ratio Lower Upper

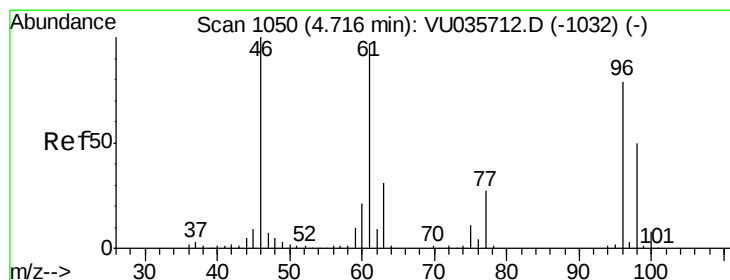
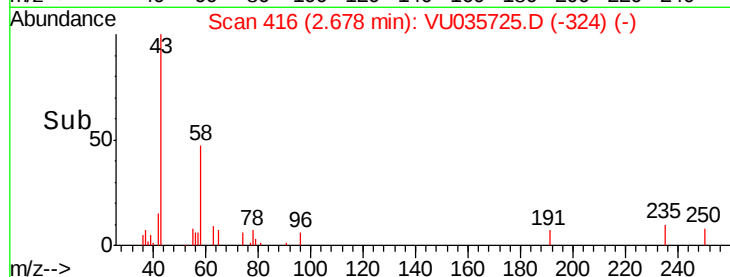
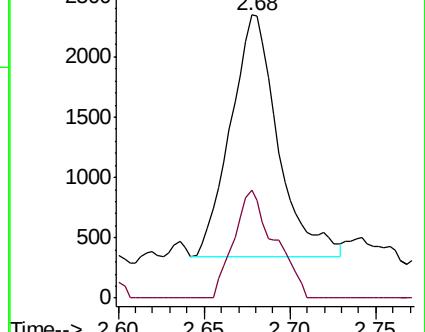
43 100

58 38.4 0.0 69.8



Abundance Ion 43.05 (42.75 to 43.75): VU035712.D (-402) (-)

Ion 58.05 (57.75 to 58.75): VU035712.D (-402) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.485 ug/L

RT: 4.72 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VU035725.D

Acq: 15 Nov 2019 14:39

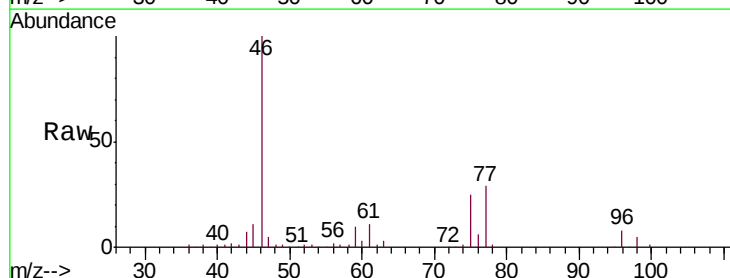
Tgt Ion: 96 Resp: 10497

Ion Ratio Lower Upper

96 100

61 136.1 87.0 161.6

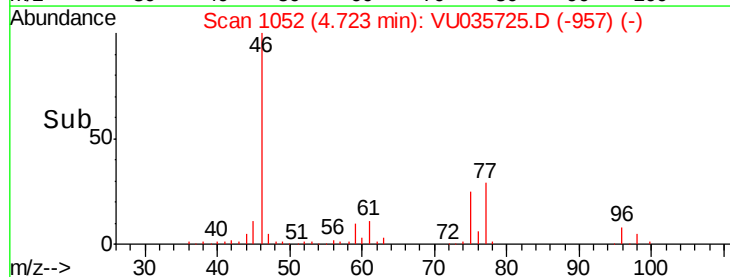
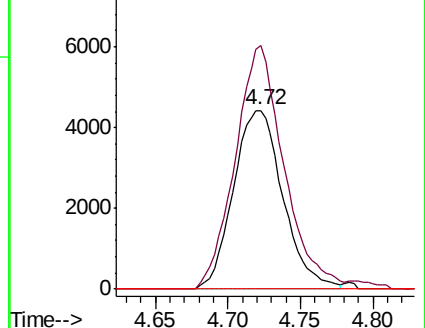
68 0.0 0.0 0.0

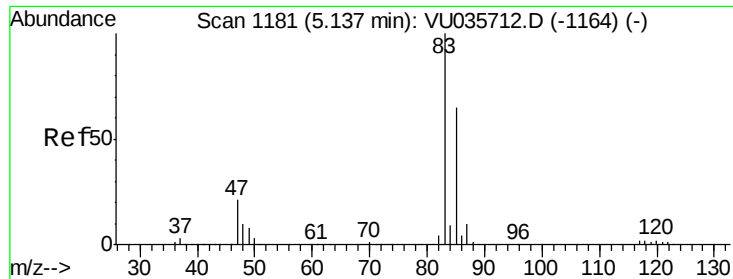


Abundance Ion 96.00 (95.70 to 96.70): VU035712.D (-1032) (-)

Ion 61.05 (60.75 to 61.75): VU035712.D (-1032) (-)

Ion 68.15 (67.85 to 68.85): VU035712.D (-1032) (-)





#25

Chloroform

Concen: 0.264 ug/L

RT: 5.14 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VU035725.D

Acq: 15 Nov 2019 14:39

Instrument :

MSVOA_U

ClientSampleId :

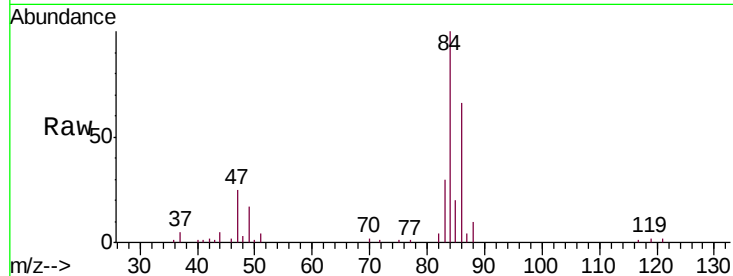
GAQG1

Tgt Ion: 83 Resp: 10453

Ion Ratio Lower Upper

83 100

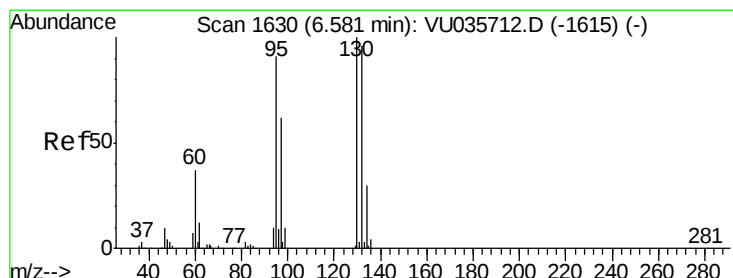
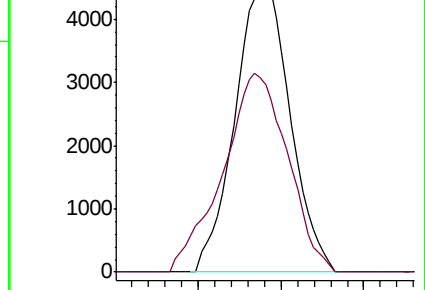
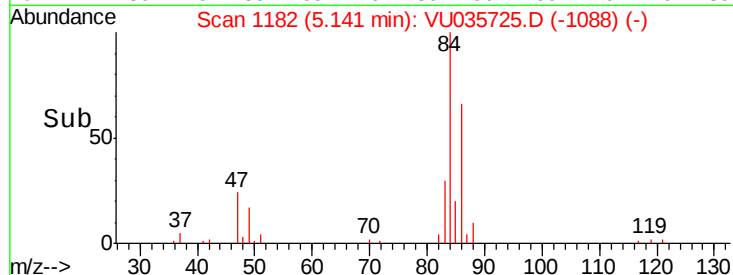
85 66.0 45.4 84.2



Abundance Ion 83.05 (82.75 to 83.75): VU035712.D (-1164) (-)

Ion 85.00 (84.70 to 85.70): VU035712.D (-1164) (-)

5.14



#34

Trichloroethene

Concen: 0.782 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VU035725.D

Acq: 15 Nov 2019 14:39

Tgt Ion: 95 Resp: 17008

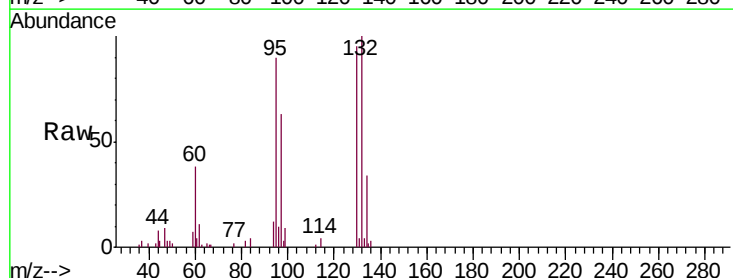
Ion Ratio Lower Upper

95 100

97 69.9 44.5 82.7

132 110.7 69.9 129.7

130 105.5 74.1 137.7

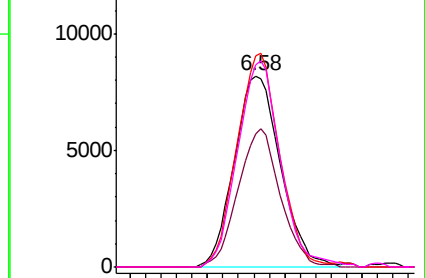
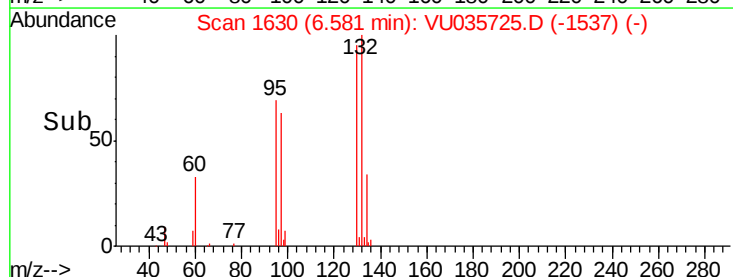


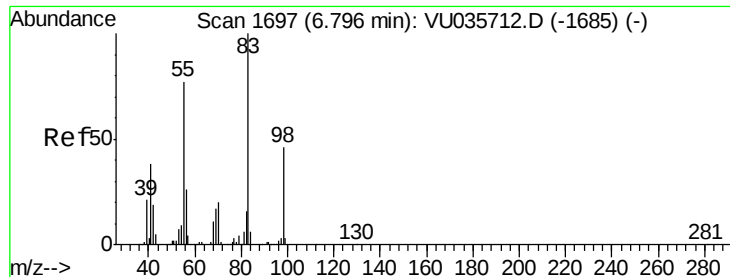
Abundance Ion 95.00 (94.70 to 95.70): VU035712.D (-1615) (-)

Ion 96.95 (96.65 to 97.65): VU035712.D (-1615) (-)

Ion 131.95 (131.65 to 132.65): VU035712.D (-1615) (-)

Ion 129.95 (129.65 to 130.65): VU035712.D (-1615) (-)





#35

Methylcyclohexane

Concen: 0.752 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.06 min

Lab File: VU035725.D

Acq: 15 Nov 2019 14:39

Instrument :

MSVOA_U

ClientSampleId :

GAQG1

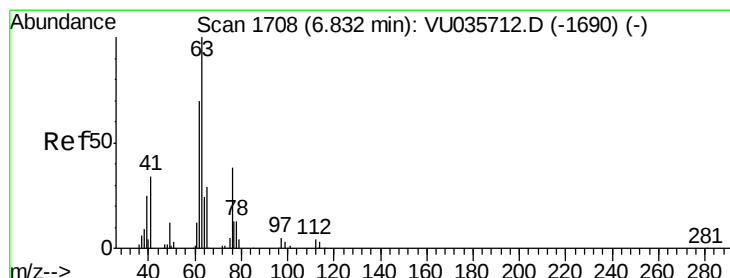
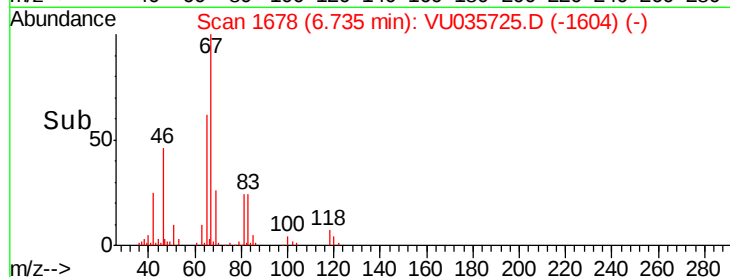
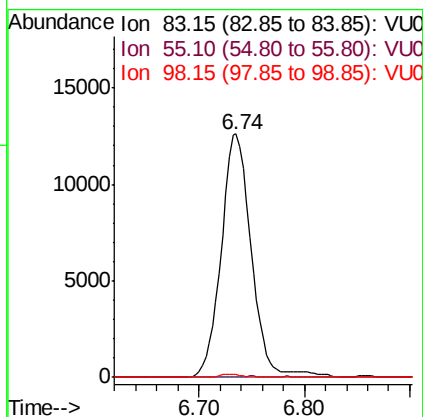
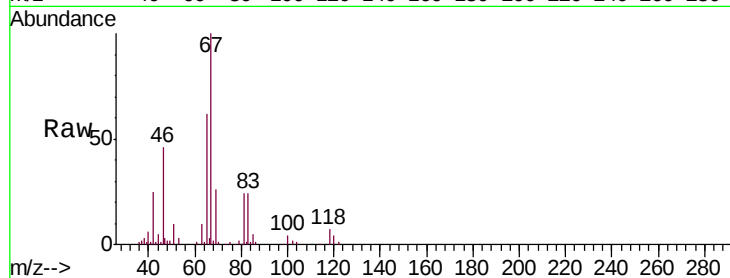
Tgt Ion: 83 Resp: 24937

Ion Ratio Lower Upper

83 100

55 0.2 62.6 93.8#

98 0.9 37.2 55.8#



#37

1,2-Dichloropropane

Concen: 0.483 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.10 min

Lab File: VU035725.D

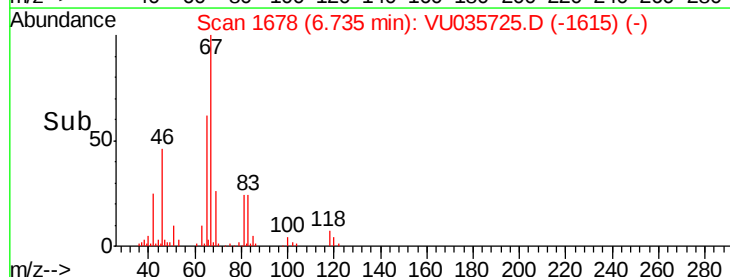
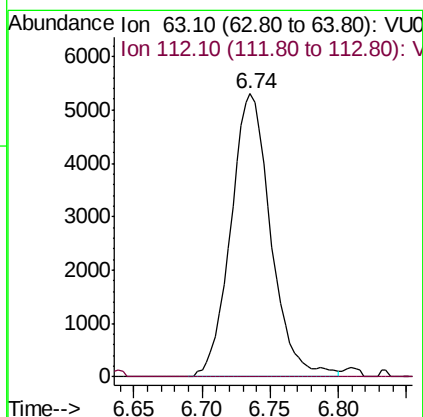
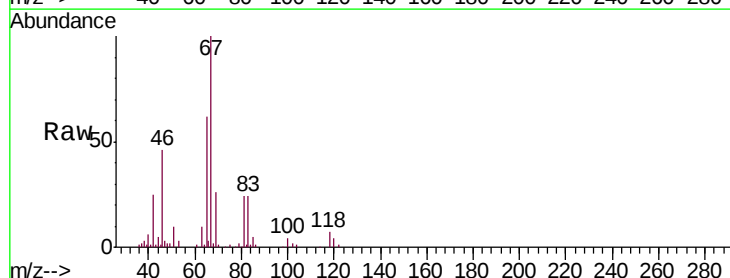
Acq: 15 Nov 2019 14:39

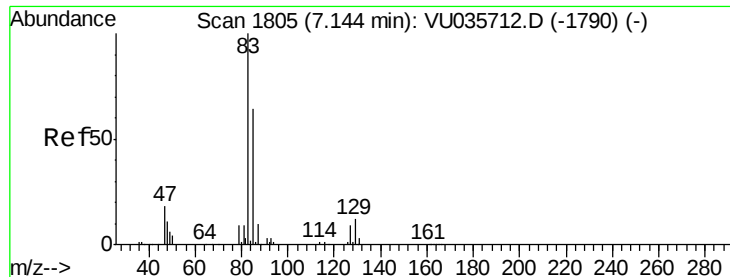
Tgt Ion: 63 Resp: 10812

Ion Ratio Lower Upper

63 100

112 0.6 3.4 5.2#

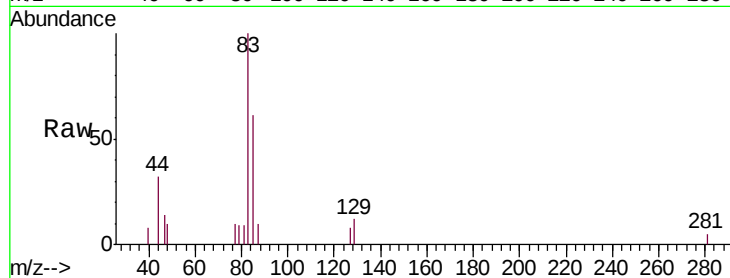




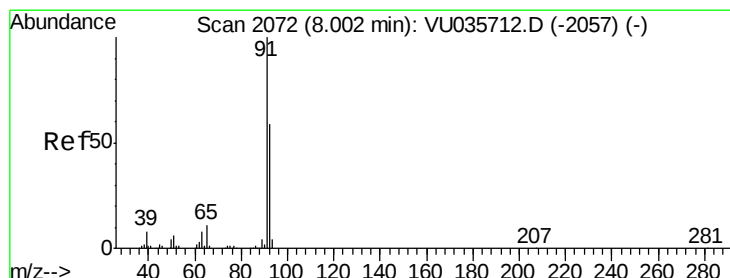
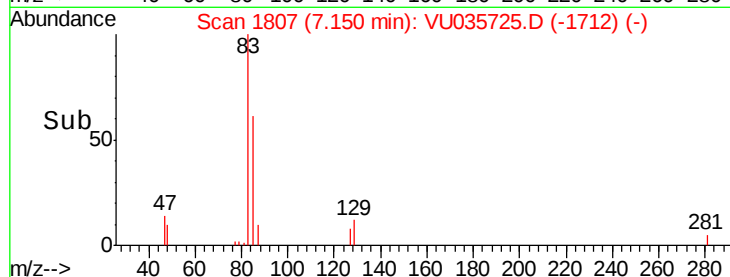
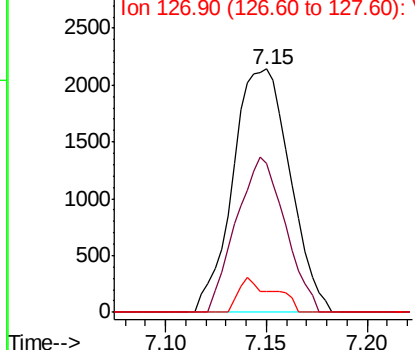
#38
 Bromodichloromethane
 Concen: 0.156 ug/L
 RT: 7.15 min Scan# 1807
 Delta R.T. 0.01 min
 Lab File: VU035725.D
 Acq: 15 Nov 2019 14:39

Instrument :
 MSVOA_U
 ClientSampleId :
 GAQG1

Tgt Ion: 83 Resp: 4238
 Ion Ratio Lower Upper
 83 100
 85 61.4 44.7 82.9
 127 8.4 7.1 10.7

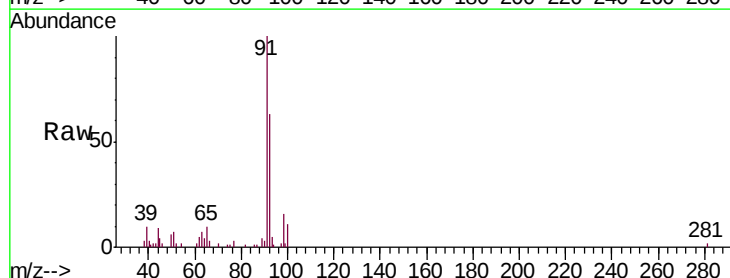


Abundance Ion 82.95 (82.65 to 83.65): VU0
 Ion 85.00 (84.70 to 85.70): VU0
 Ion 126.90 (126.60 to 127.60): V

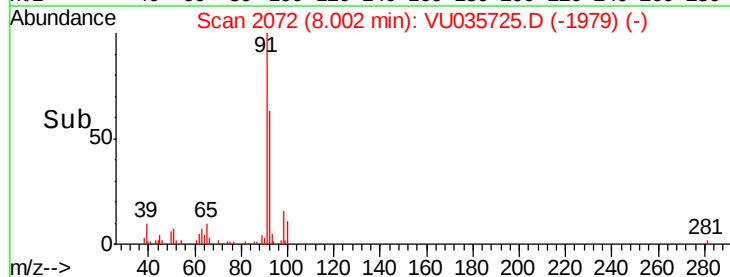
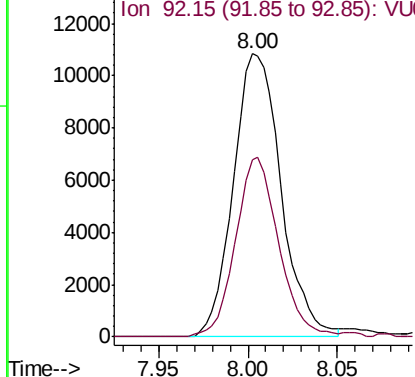


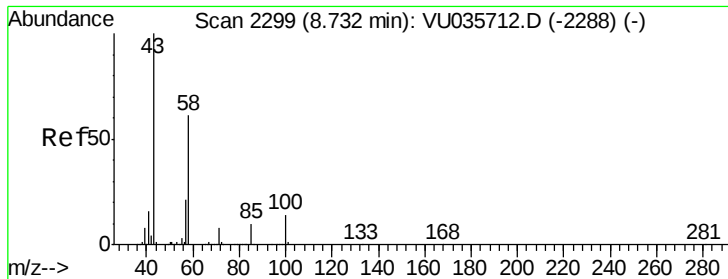
#42
 Toluene
 Concen: 0.226 ug/L
 RT: 8.00 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VU035725.D
 Acq: 15 Nov 2019 14:39

Tgt Ion: 91 Resp: 20204
 Ion Ratio Lower Upper
 91 100
 92 62.8 40.5 75.3



Abundance Ion 91.15 (90.85 to 91.85): VU0
 Ion 92.15 (91.85 to 92.85): VU0

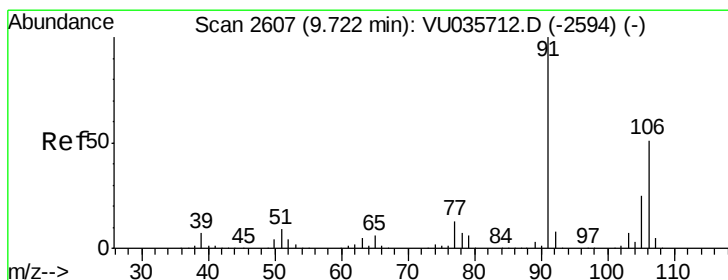
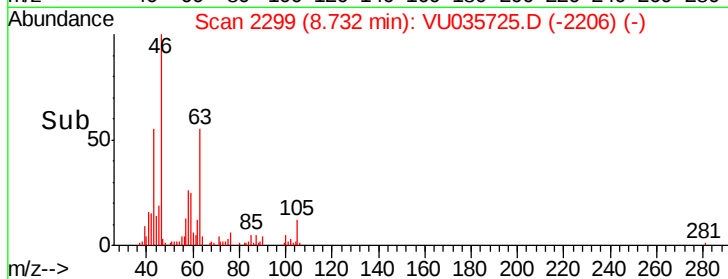
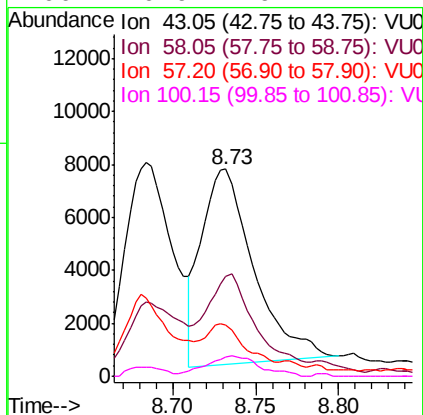
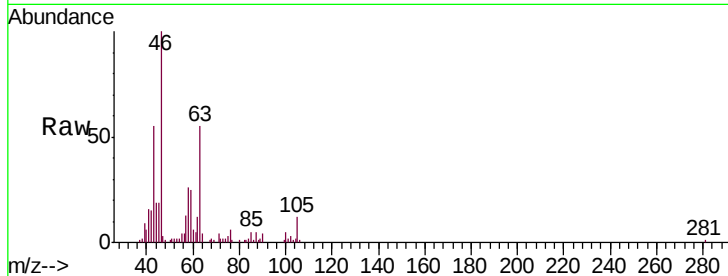




#48
2-Hexanone
Concen: 1.767 ug/L
RT: 8.73 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VU035725.D
Acq: 15 Nov 2019 14:39

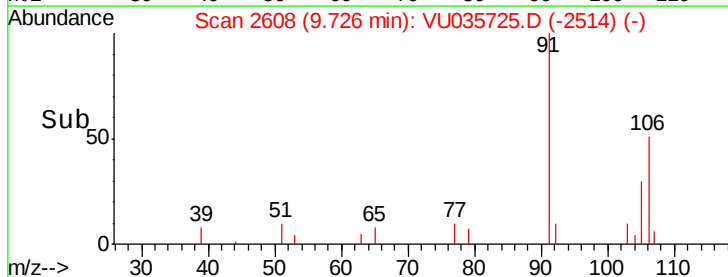
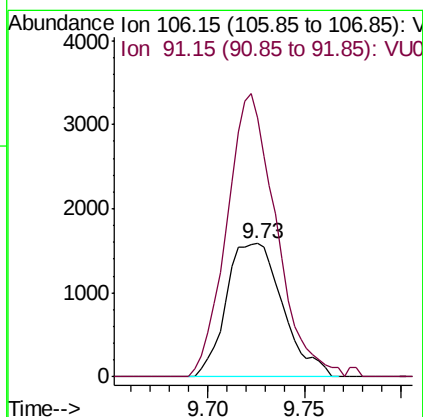
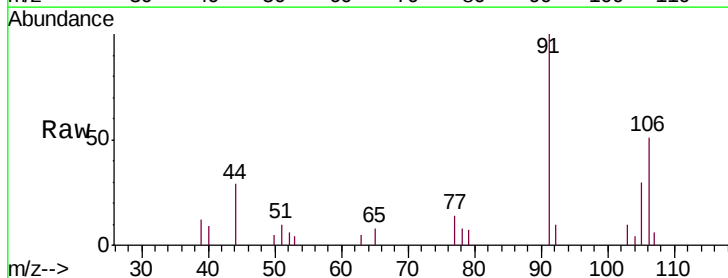
Instrument :
MSVOA_U
ClientSampleId :
GAQG1

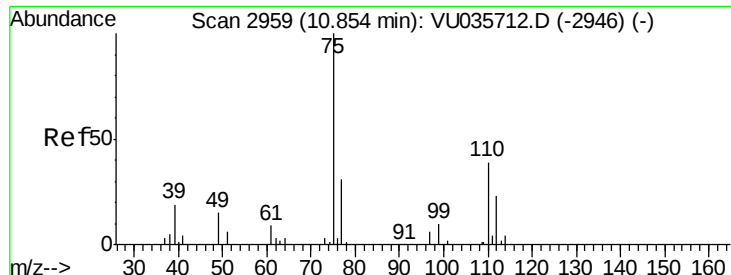
Tgt Ion:	43	Resp:	16178
Ion	Ratio	Lower	Upper
43	100		
58	42.9	44.1	66.1#
57	15.6	15.1	22.7
100	10.9	9.4	14.2



#53
m,p-Xylene
Concen: 0.090 ug/L
RT: 9.73 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VU035725.D
Acq: 15 Nov 2019 14:39

Tgt Ion:	106	Resp:	3215
Ion	Ratio	Lower	Upper
106	100		
91	194.6	139.4	259.0





#59

1,2,3-Trichloropropane

Concen: 0.781 ug/L

RT: 11.84 min Scan# 3266

Delta R.T. 0.99 min

Lab File: VU035725.D

Acq: 15 Nov 2019 14:39

Instrument :

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ClientSampleId :

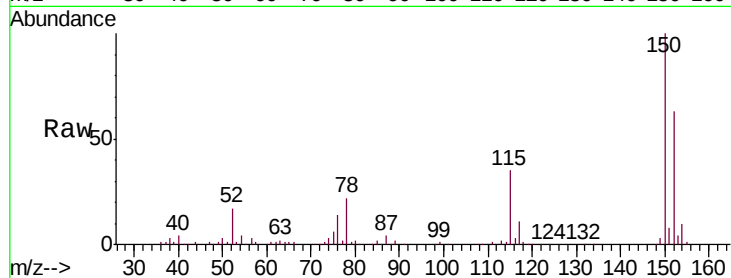
GAQG1

Tgt Ion: 75 Resp: 11569

Ion Ratio Lower Upper

75 100

77 38.5 26.8 40.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

