

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122220\
 Data File : VU041757.D
 Acq On : 22 Dec 2020 21:36
 Operator : SY/MD
 Sample : L5161-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB239

Quant Time: Dec 23 06:26:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 23 05:08:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	124075	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	122671	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	54151	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	33555	3.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.20%
7) Chloroethane-d5	1.92	69	35888	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.58	63	53148	2.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.60%#
20) 2-Butanone-d5	4.66	46	160179	57.49	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.98%
24) Chloroform-d	5.08	84	81305	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.72	65	46751	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.74	84	154131	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
36) 1,2-Dichloropropane-d6	6.70	67	50518	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.80%
41) Toluene-d8	7.90	98	126009	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.40%
43) trans-1,3-Dichloropropene-	8.19	79	20737	4.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.80%
46) 2-Hexanone-d5	8.64	63	137676	50.86	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.72%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	51291	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	50722	5.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.40%

Target Compounds

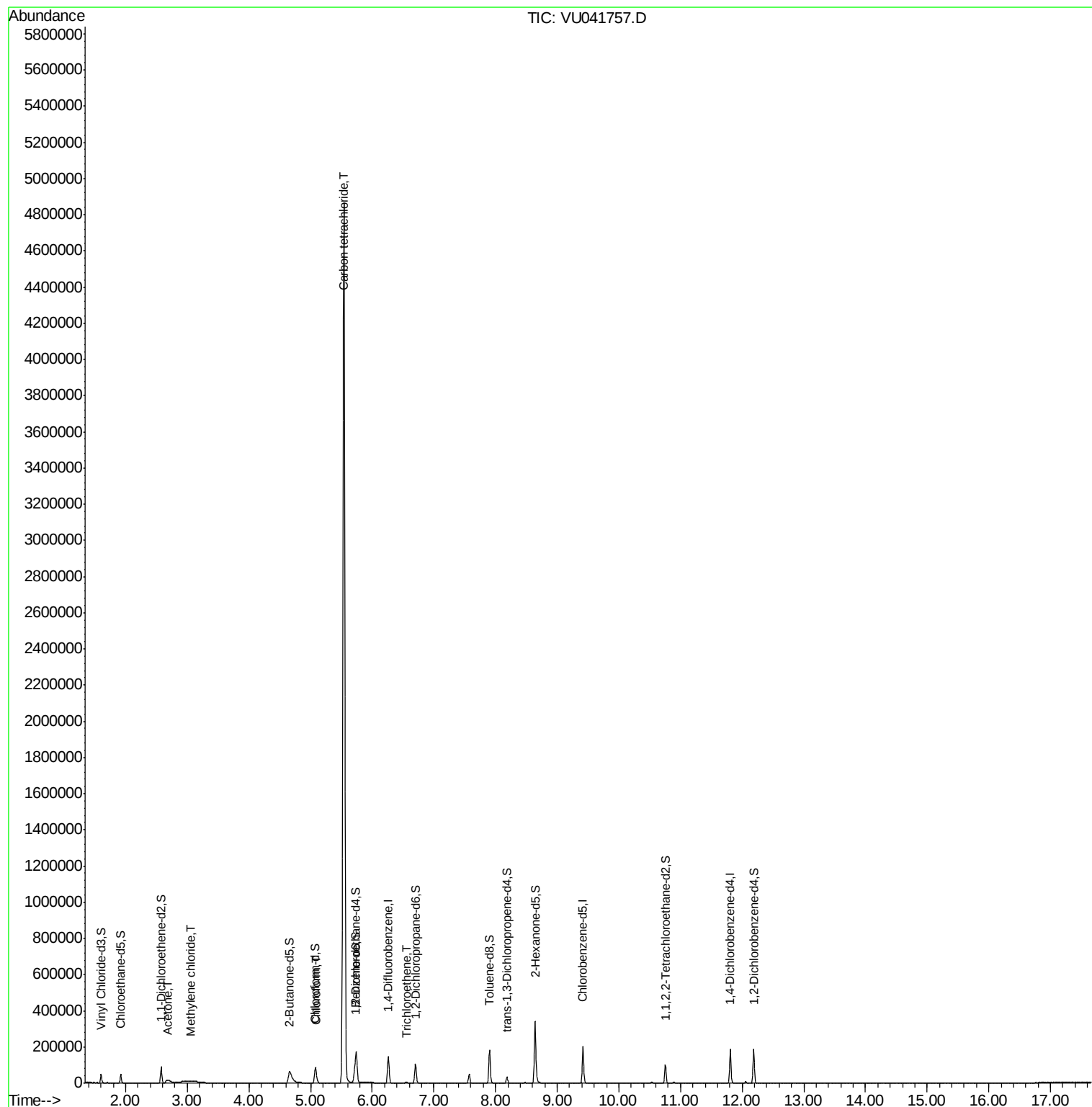
					Ovalue
13) Acetone	2.68	43	57402	32.388 ug/L	66
16) Methylene chloride	3.06	84	1288	0.128 ug/L	97
25) Chloroform	5.10	83	4928	0.301 ug/L	96
31) Carbon tetrachloride	5.54	117	3431627	281.716 ug/L	99
34) Trichloroethene	6.56	95	1970	0.200 ug/L	90

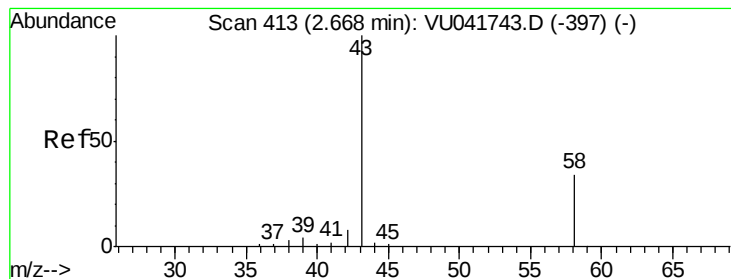
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 32.388 ug/L

RT: 2.68 min Scan# 418

Delta R.T. 0.02 min

Lab File: VU041757.D

Acq: 22 Dec 2020 21:36

Instrument :

MSVOA_U

ClientSampleId :

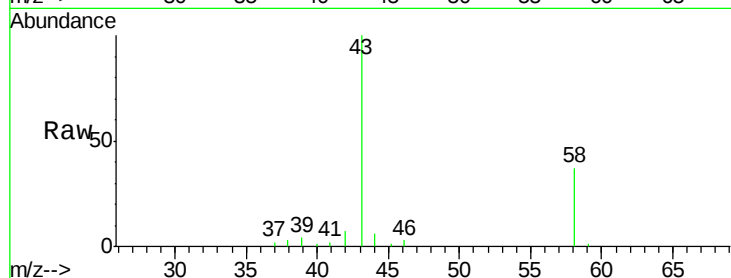
GB239

Tot Ion: 43 Resp: 57402

Ion Ratio Lower Upper

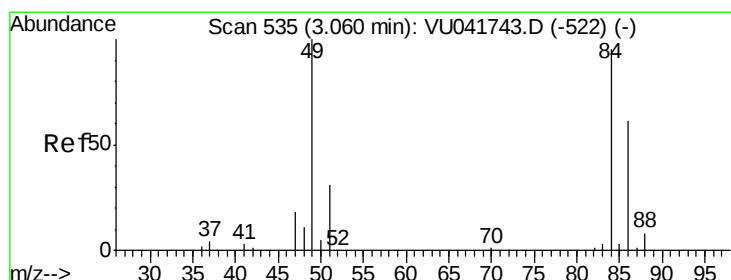
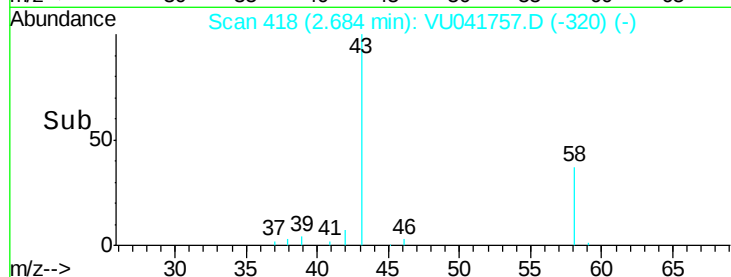
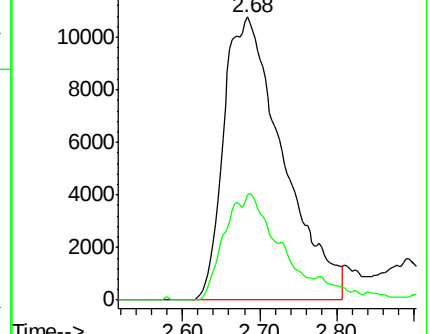
43 100

58 16.2 0.0 73.2



Abundance Ion 43.05 (42.75 to 43.75): VU041757.D (-320) (-)

Ion 58.05 (57.75 to 58.75): VU041757.D (-320) (-)



#16

Methylene chloride

Concen: 0.128 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.00 min

Lab File: VU041757.D

Acq: 22 Dec 2020 21:36

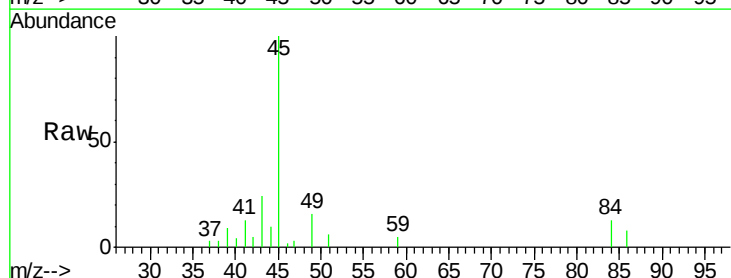
Tgt Ion: 84 Resp: 1288

Ion Ratio Lower Upper

84 100

86 61.4 45.1 83.7

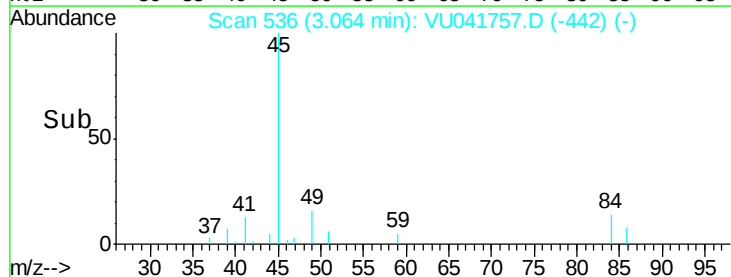
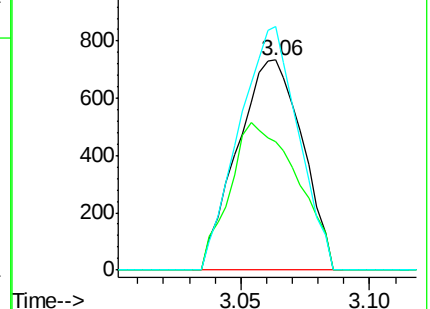
49 116.1 83.1 154.3

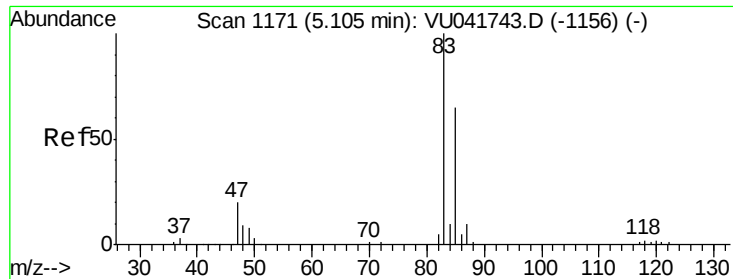


Abundance Ion 84.05 (83.75 to 84.75): VU041757.D (-442) (-)

Ion 86.00 (85.70 to 86.70): VU041757.D (-442) (-)

Ion 49.10 (48.80 to 49.80): VU041757.D (-442) (-)

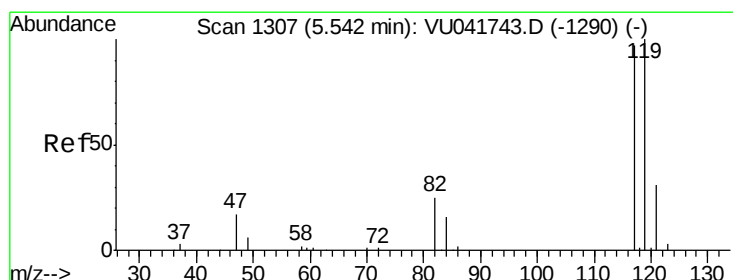
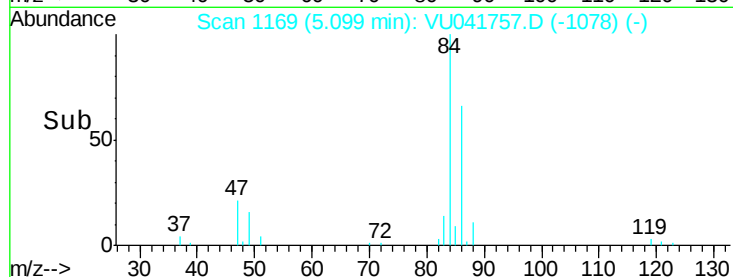
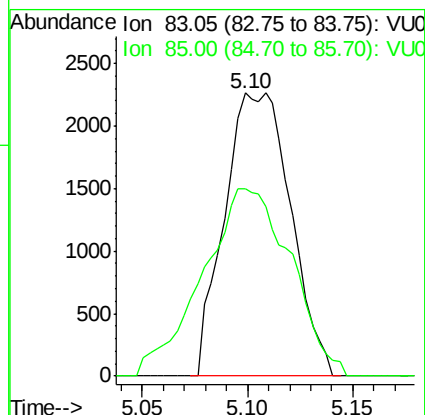
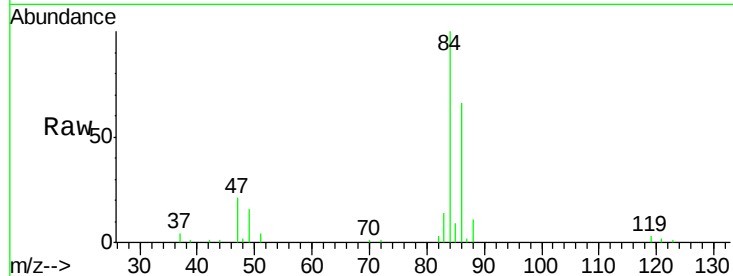




#25
Chloroform
Concen: 0.301 ug/L
RT: 5.10 min Scan# 1169
Delta R.T. -0.01 min
Lab File: VU041757.D
Acq: 22 Dec 2020 21:36

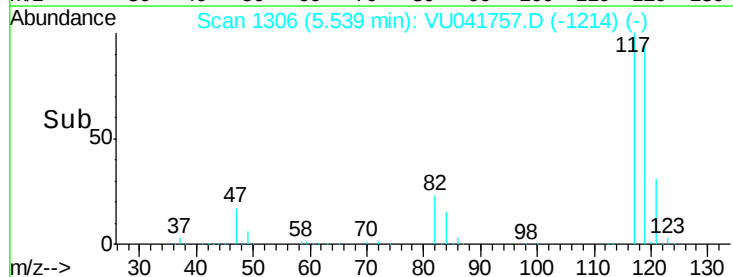
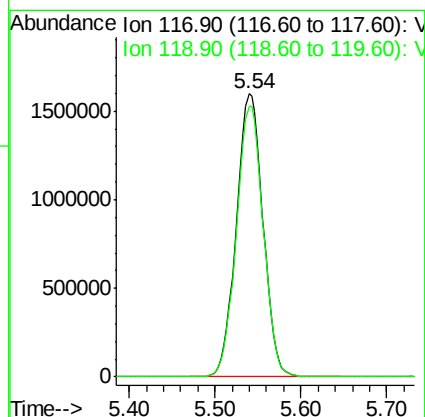
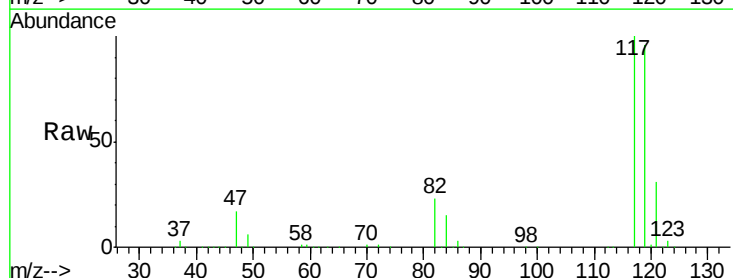
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MSVOA_U
ClientSampled :
GB239

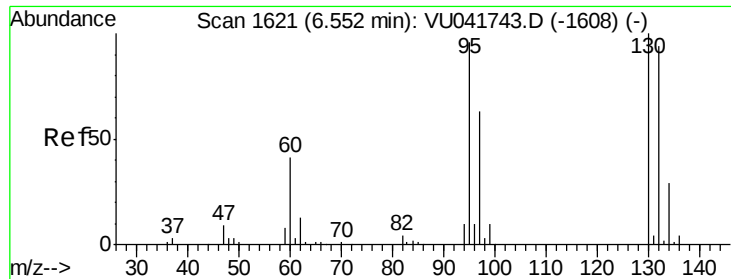
Tot Ion: 83 Resp: 4928
Ion Ratio Lower Upper
83 100
85 66.3 44.2 82.0



#31
Carbon tetrachloride
Concen: 281.716 ug/L
RT: 5.54 min Scan# 1306
Delta R.T. -0.00 min
Lab File: VU041757.D
Acq: 22 Dec 2020 21:36

Tgt Ion: 117 Resp: 3431627
Ion Ratio Lower Upper
117 100
119 96.5 76.2 114.2





#34

Trichloroethene

Concen: 0.200 ug/L

RT: 6.56 min Scan# 1623

Delta R.T. 0.01 min

Lab File: VU041757.D

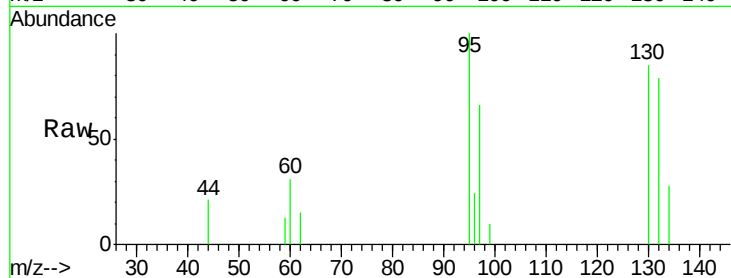
Acq: 22 Dec 2020 21:36

Instrument :

MSVOA_U

ClientSampleId :

GB239



Tot Ion: 95 Resp: 1970

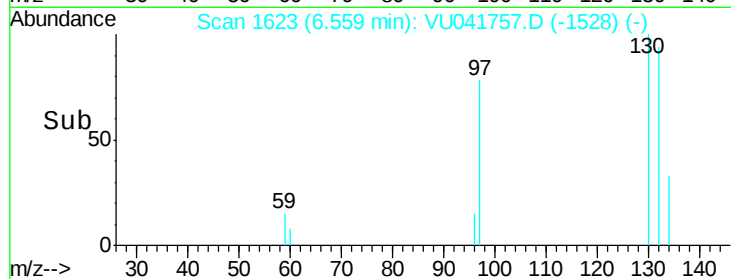
Ion Ratio Lower Upper

95 100

97 66.0 43.9 81.5

132 79.3 63.1 117.3

130 84.7 67.4 125.2



Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

