

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111718\
 Data File : VU028233.D
 Acq On : 17 Nov 2018 18:42
 Operator : MD/SY
 Sample : J5986-04DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FG8DL

Quant Time: Nov 19 03:39:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Nov 19 03:08:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	151525	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	146079	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	65004	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	52464	4.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.00%
7) Chloroethane-d5	1.68	69	45741	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.00%
11) 1,1-Dichloroethene-d2	2.28	63	79029	3.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.60%
20) 2-Butanone-d5	4.19	46	194867	51.07	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.14%
24) Chloroform-d	4.65	84	96341	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	5.31	65	57473	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.34	84	197524	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.33	67	73999	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	7.57	98	174021	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
43) trans-1,3-Dichloropropene-	7.85	79	20797	4.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.20%
46) 2-Hexanone-d5	8.31	63	144950	49.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.10%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	51187	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	57234	4.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.60%

Target Compounds

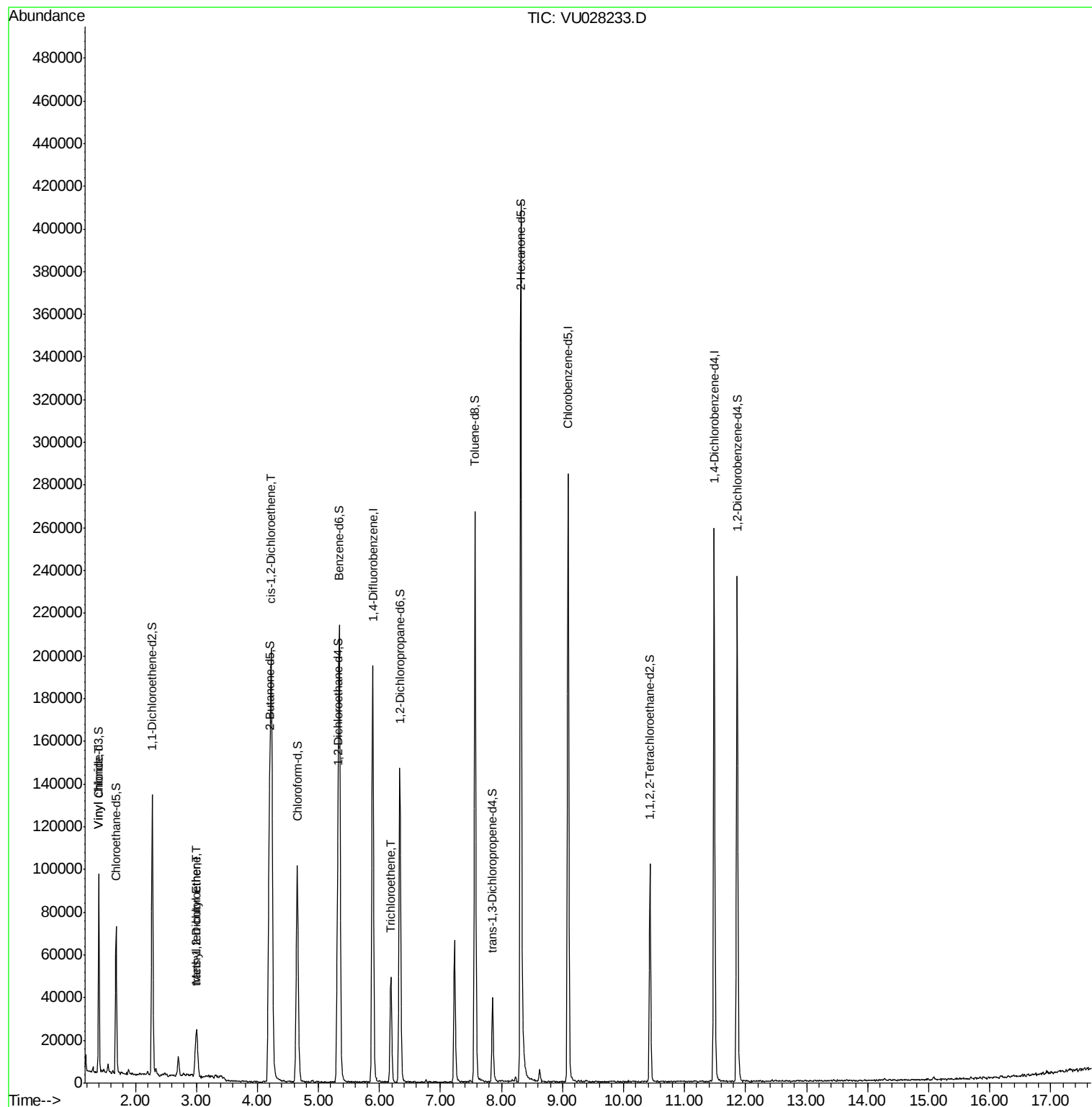
					Qvalue
5) Vinyl chloride	1.40	62	8727	0.57 ug/L	# 75
17) Methyl tert-butyl Ether	3.01	73	20736	0.74 ug/L	94
18) trans-1,2-Dichloroethene	2.99	96	2708	0.27 ug/L	94
22) cis-1,2-Dichloroethene	4.23	96	88817	7.56 ug/L	93
34) Trichloroethene	6.19	95	17718	1.50 ug/L	96

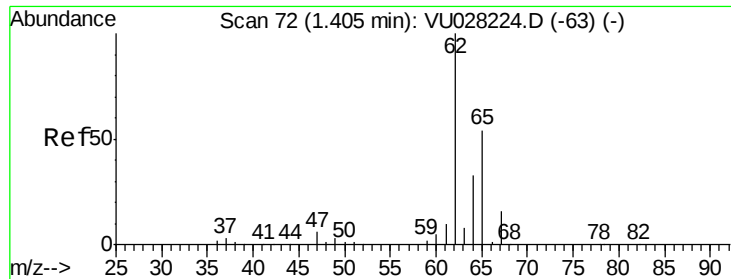
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.57 ug/L

RT: 1.40 min Scan# 72

Delta R.T. 0.00 min

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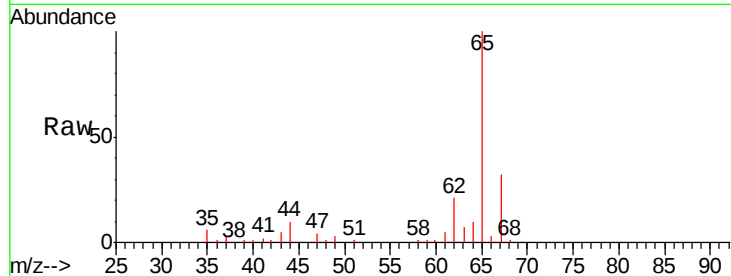
H0FG8DL

Tgt Ion: 62 Resp: 8727

Ion Ratio Lower Upper

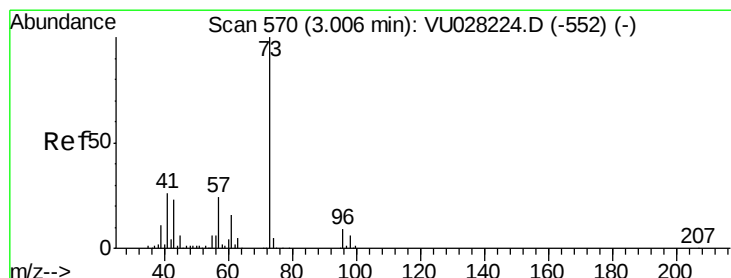
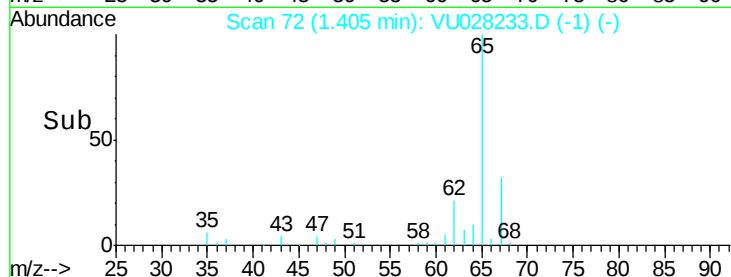
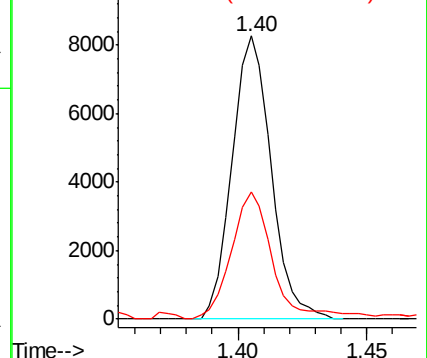
62 100

64 44.9 21.7 40.3#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#17

Methyl tert-butyl Ether

Concen: 0.74 ug/L

RT: 3.01 min Scan# 570

Delta R.T. -0.00 min

Lab File: VU028233.D

Acq: 17 Nov 2018 18:42

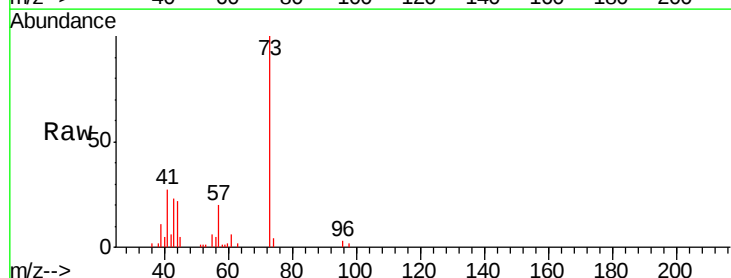
Tgt Ion: 73 Resp: 20736

Ion Ratio Lower Upper

73 100

43 27.6 18.8 28.2

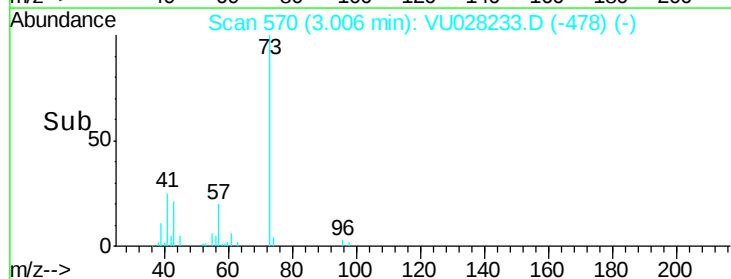
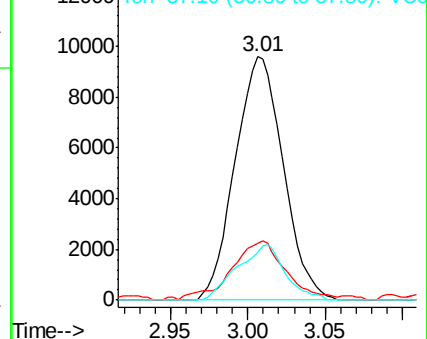
57 22.6 19.2 28.8

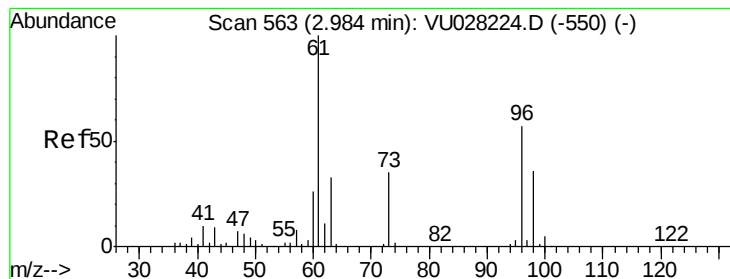


Abundance Ion 73.10 (72.80 to 73.80): VU0

Ion 43.05 (42.75 to 43.75): VU0

Ion 57.10 (56.80 to 57.80): VU0





#18

trans-1,2-Dichloroethene

Concen: 0.27 ug/L

RT: 2.99 min Scan# 564

Delta R.T. 0.00 min

Lab File: VU028233.D

Acq: 17 Nov 2018 18:42

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H0FG8DL

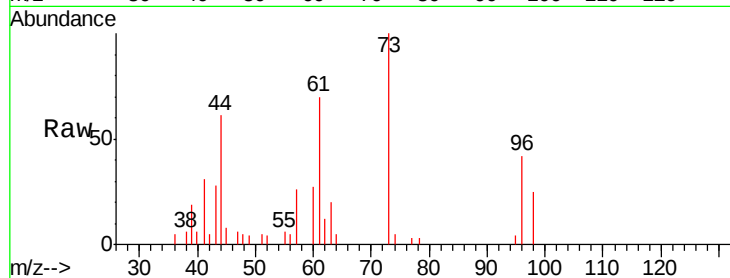
Tgt Ion: 96 Resp: 2708

Ion Ratio Lower Upper

96 100

61 167.1 122.2 227.0

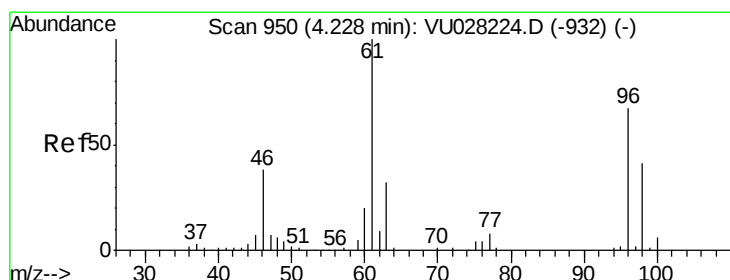
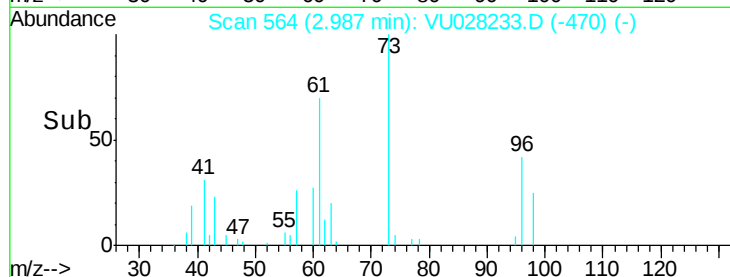
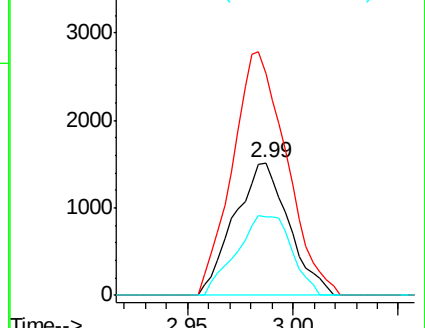
98 58.9 44.9 83.5



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 97.95 (97.65 to 98.65): VU0



#22

cis-1,2-Dichloroethene

Concen: 7.56 ug/L

RT: 4.23 min Scan# 950

Delta R.T. 0.00 min

Lab File: VU028233.D

Acq: 17 Nov 2018 18:42

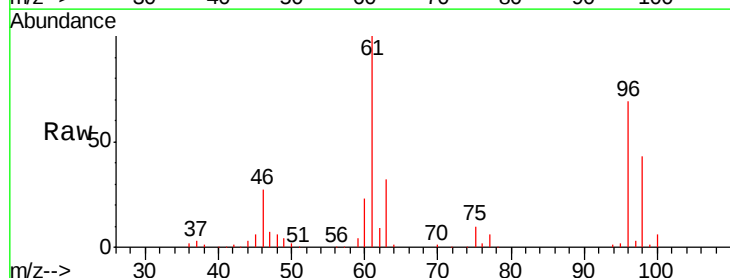
Tgt Ion: 96 Resp: 88817

Ion Ratio Lower Upper

96 100

61 145.7 108.0 200.6

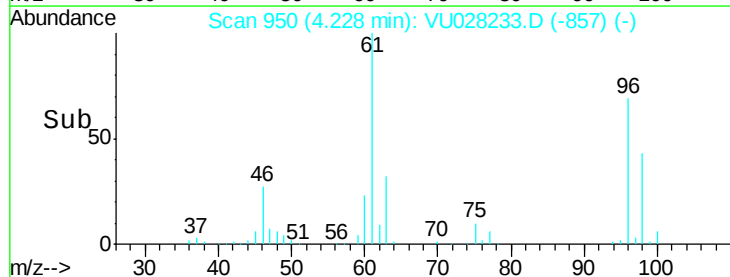
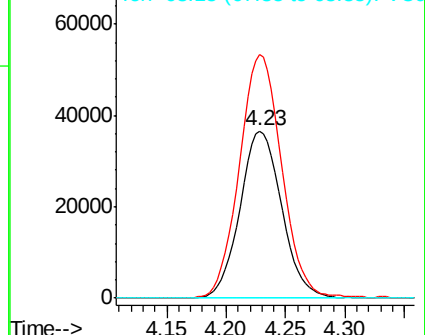
68 0.0 0.0 0.0

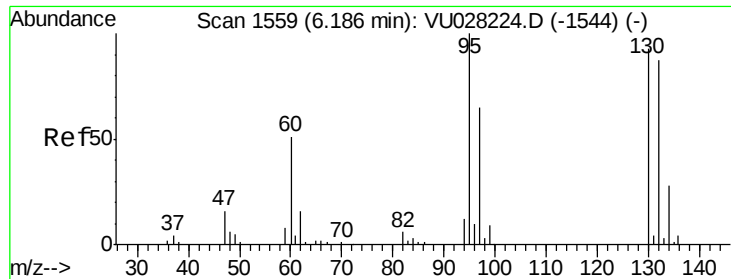


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0





#34

Trichloroethene

Concen: 1.50 ug/L

RT: 6.19 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VU028233.D

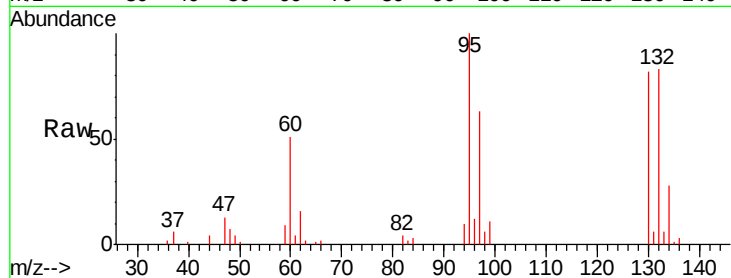
Acq: 17 Nov 2018 18:42

Instrument :

MSVOA_U

ClientSampleId :

H0FG8DL



Tgt Ion: 95 Resp: 17718

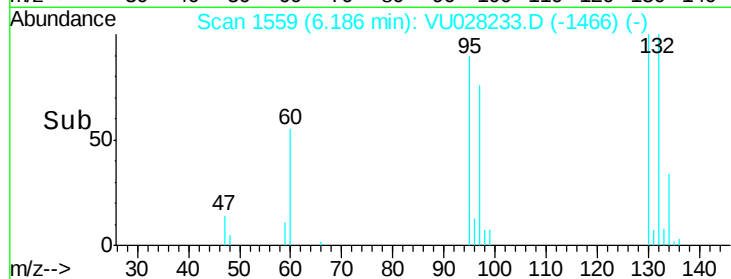
Ion Ratio Lower Upper

95 100

97 62.6 46.5 86.3

132 82.7 58.9 109.3

130 82.4 61.3 113.9



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

