

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102618\
 Data File : VU027828.D
 Acq On : 26 Oct 2018 13:09
 Operator : MD/SY
 Sample : J5668-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETBP8

Quant Time: Oct 27 02:39:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 27 01:41:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	108110	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	102535	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	49477	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	30030	35.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.40%
7) Chloroethane-d5	1.68	69	24964	38.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.10%
11) 1,1-Dichloroethene-d2	2.27	63	45357	29.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.88%#
21) 2-Butanone-d5	4.18	46	69054	96.33	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.33%
24) Chloroform-d	4.65	84	64221	42.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.94%
26) 1,2-Dichloroethane-d4	5.31	65	46702	44.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.20%
32) Benzene-d6	5.34	84	120950	41.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.84%
36) 1,2-Dichloropropane-d6	6.33	67	45049	43.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.42%
41) Toluene-d8	7.57	98	111447	41.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.76%
43) trans-1,3-Dichloropropene-	7.85	79	20720	40.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.86%
47) 2-Hexanone-d5	8.31	63	51133	95.84	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.84%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	59843	44.45	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.90%
64) 1,2-Dichlorobenzene-d4	11.86	152	43311	42.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.48%

Target Compounds

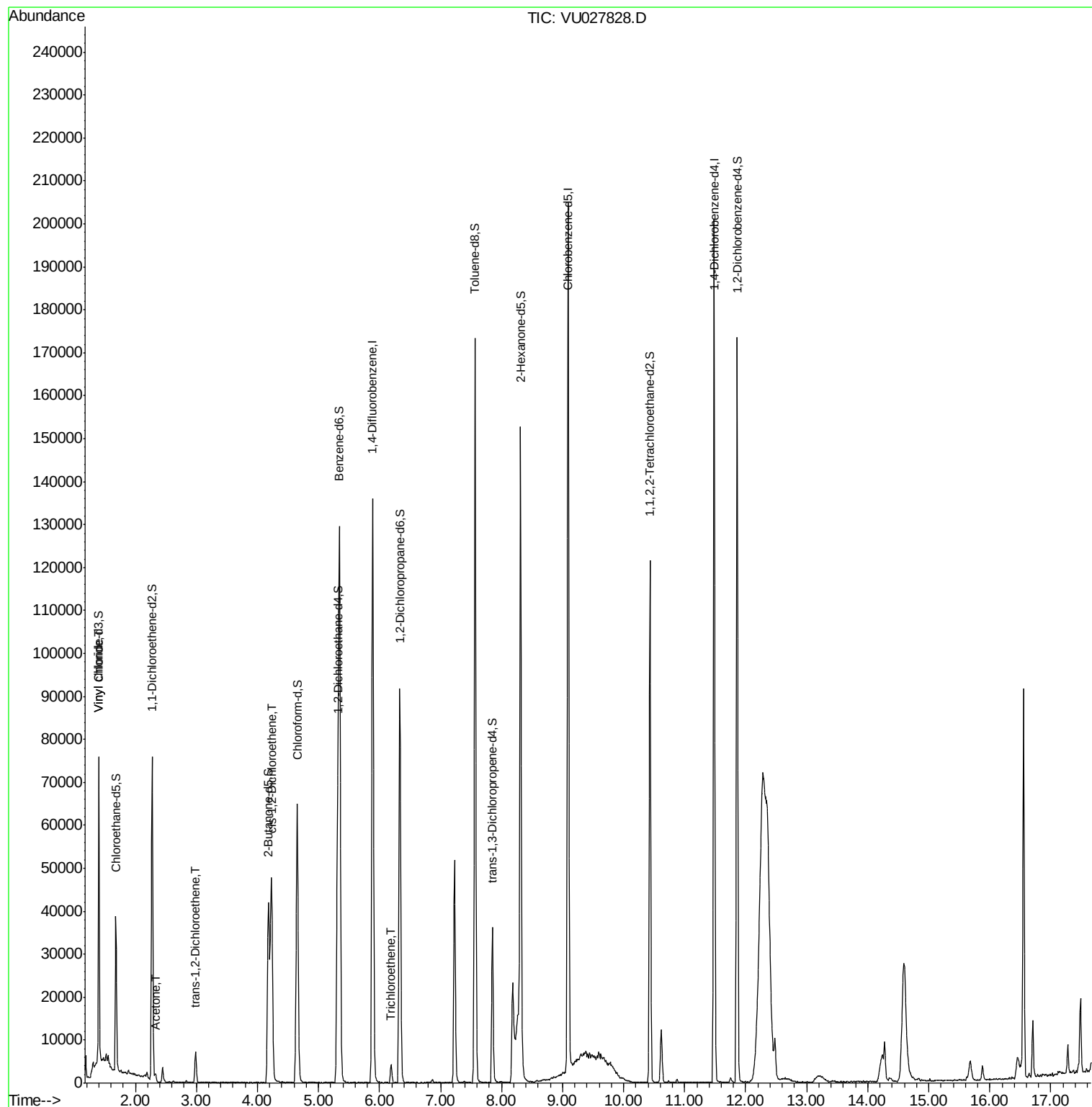
					Ovalue
5) Vinyl chloride	1.40	62	16891	17.301	ug/L # 68
13) Acetone	2.32	43	1819	3.643	ug/L 76
17) trans-1,2-Dichloroethene	2.99	96	2630	3.947	ug/L 96
20) cis-1,2-Dichloroethene	4.23	96	24028	30.479	ug/L 100
34) Trichloroethene	6.19	95	1715	2.246	ug/L 95

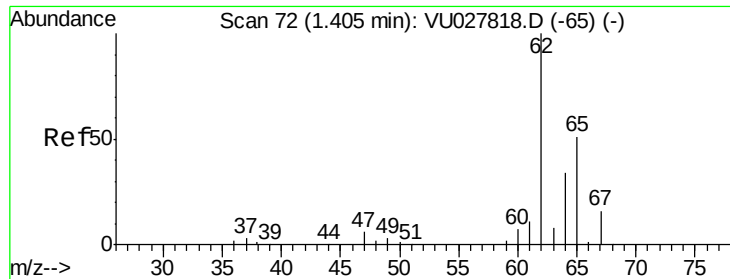
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 17.301 ug/L

RT: 1.40 min Scan# 72

Delta R.T. -0.00 min

Lab File: VU027828.D

Acq: 26 Oct 2018 13:09

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MSVOA_U

ClientSampleId :

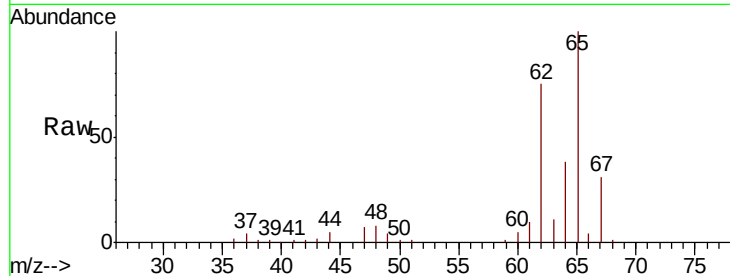
ETBP8

Tot Ion: 62 Resp: 16891

Ion Ratio Lower Upper

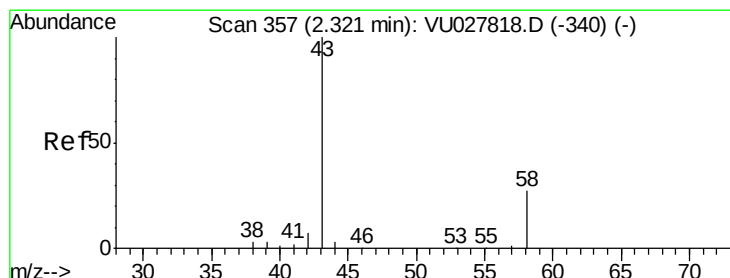
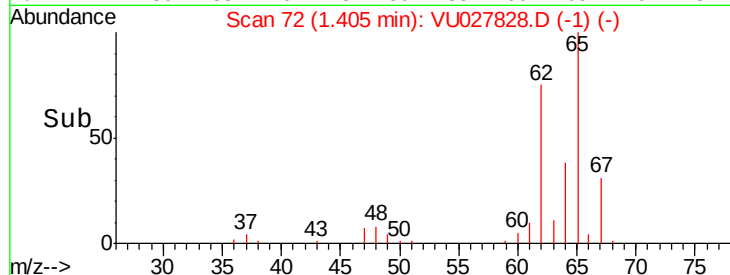
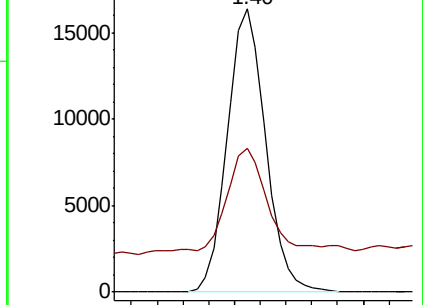
62 100

64 51.0 23.0 42.8#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0



#13

Acetone

Concen: 3.643 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

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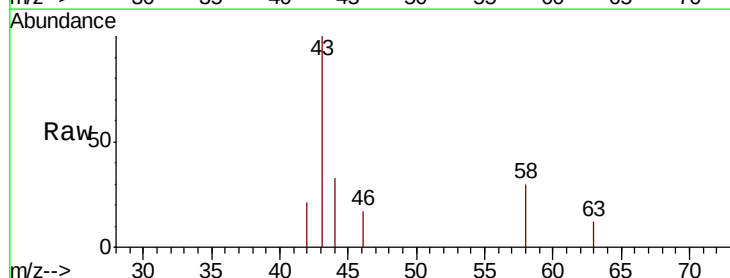
Acq: 26 Oct 2018 13:09

Tgt Ion: 43 Resp: 1819

Ion Ratio Lower Upper

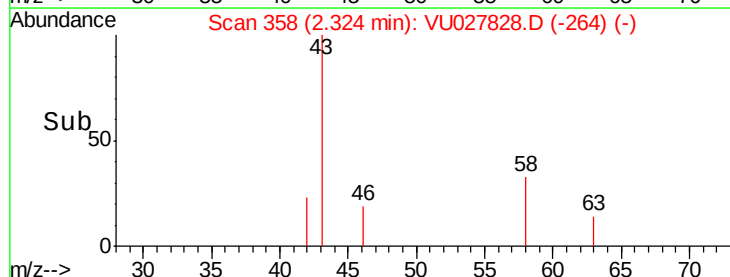
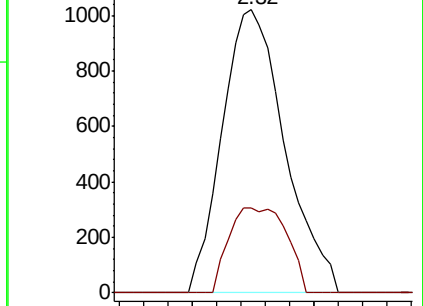
43 100

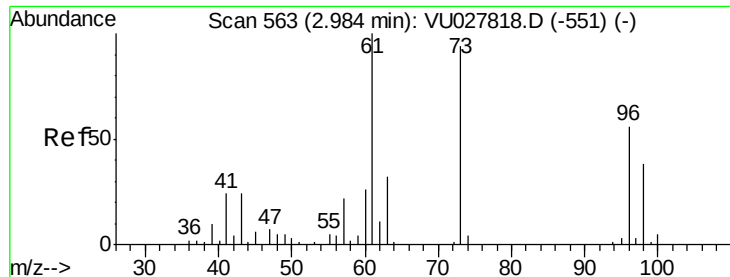
58 15.7 0.0 57.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

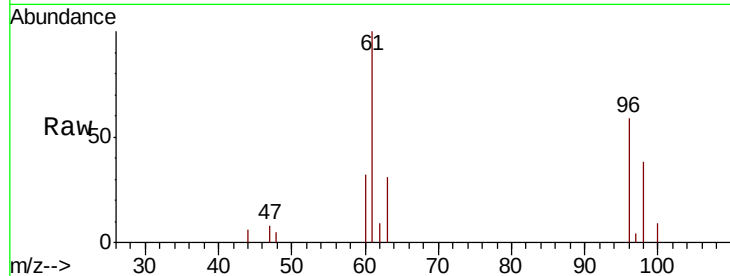




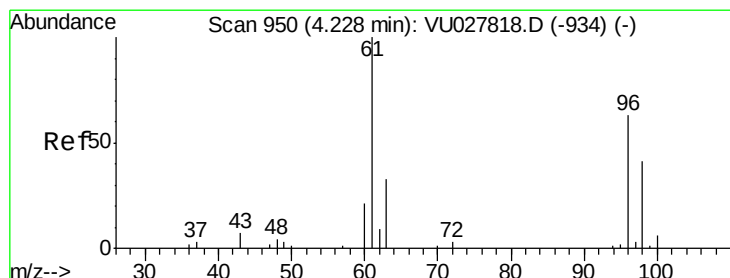
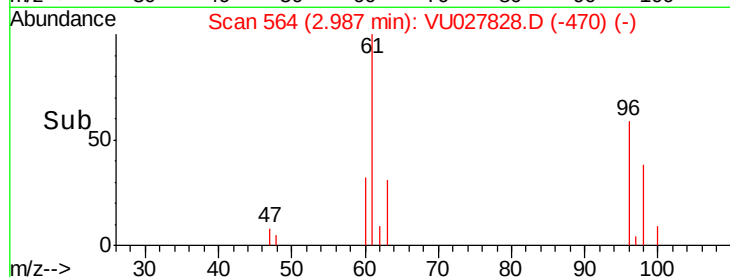
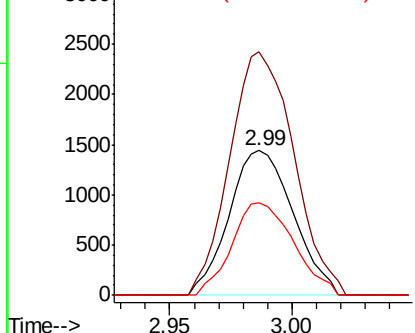
#17
 trans-1,2-Dichloroethene
 Concen: 3.947 ug/L
 RT: 2.99 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: VU027828.D
 Acq: 26 Oct 2018 13:09

Instrument :
 MSVOA_U
 ClientSampled :
 ETBP8

Tot Ion: 96 Resp: 2630
 Ion Ratio Lower Upper
 96 100
 61 168.5 114.7 212.9
 98 64.4 42.2 78.4

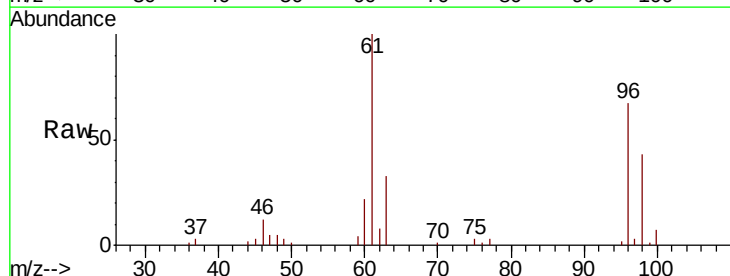


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0

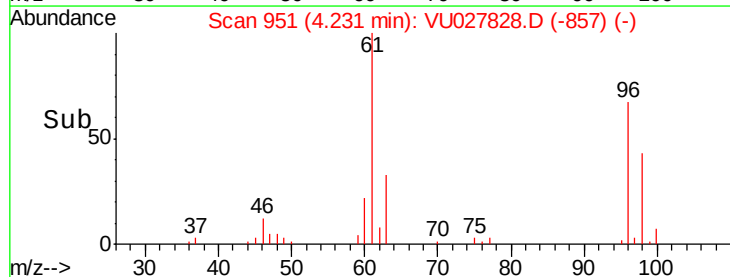
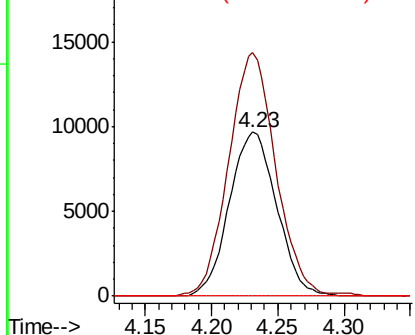


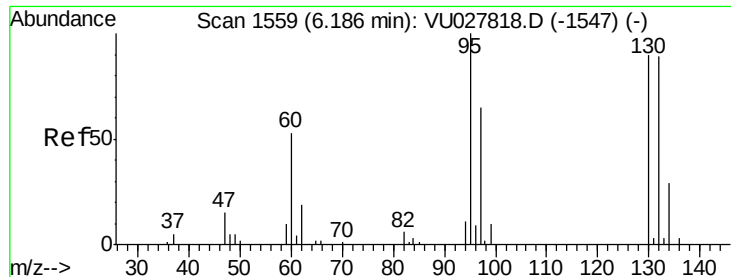
#20
 cis-1,2-Dichloroethene
 Concen: 30.479 ug/L
 RT: 4.23 min Scan# 951
 Delta R.T. 0.00 min
 Lab File: VU027828.D
 Acq: 26 Oct 2018 13:09

Tgt Ion: 96 Resp: 24028
 Ion Ratio Lower Upper
 96 100
 61 148.6 104.2 193.4
 68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0





#34

Trichloroethene

Concen: 2.246 ug/L

RT: 6.19 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VU027828.D

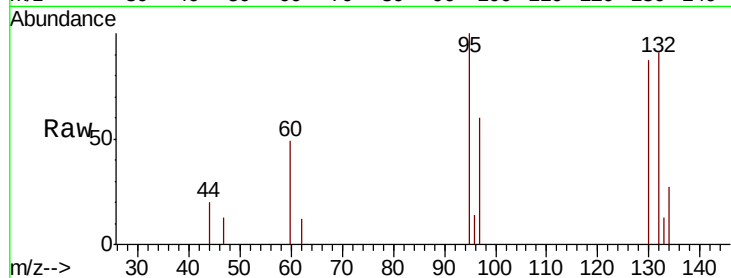
Acq: 26 Oct 2018 13:09

Instrument :

MSVOA_U

ClientSampleId :

ETBP8



Tot Ion: 95 Resp: 1715

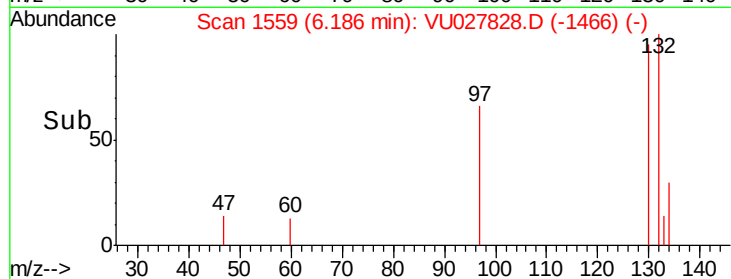
Ion Ratio Lower Upper

95 100

97 60.1 45.8 85.2

132 91.2 62.1 115.3

130 86.6 65.0 120.6



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

