

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U112018\
 Data File : VU028288.D
 Acq On : 20 Nov 2018 19:21
 Operator : MD/SY
 Sample : J5995-01DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FG6DL

Quant Time: Nov 21 07:32:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 21 07:07:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	127112	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	122287	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	52058	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	40410	4.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.40%
7) Chloroethane-d5	1.68	69	37771	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.40%
11) 1,1-Dichloroethene-d2	2.28	63	58662	3.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.60%
20) 2-Butanone-d5	4.20	46	179154	55.97	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.94%
24) Chloroform-d	4.65	84	83683	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.31	65	47951	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.34	84	160843	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	6.33	67	61380	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.57	98	131077	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
43) trans-1,3-Dichloropropene-	7.85	79	17668	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	8.31	63	122535	50.04	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.08%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	47764	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	48678	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%

Target Compounds

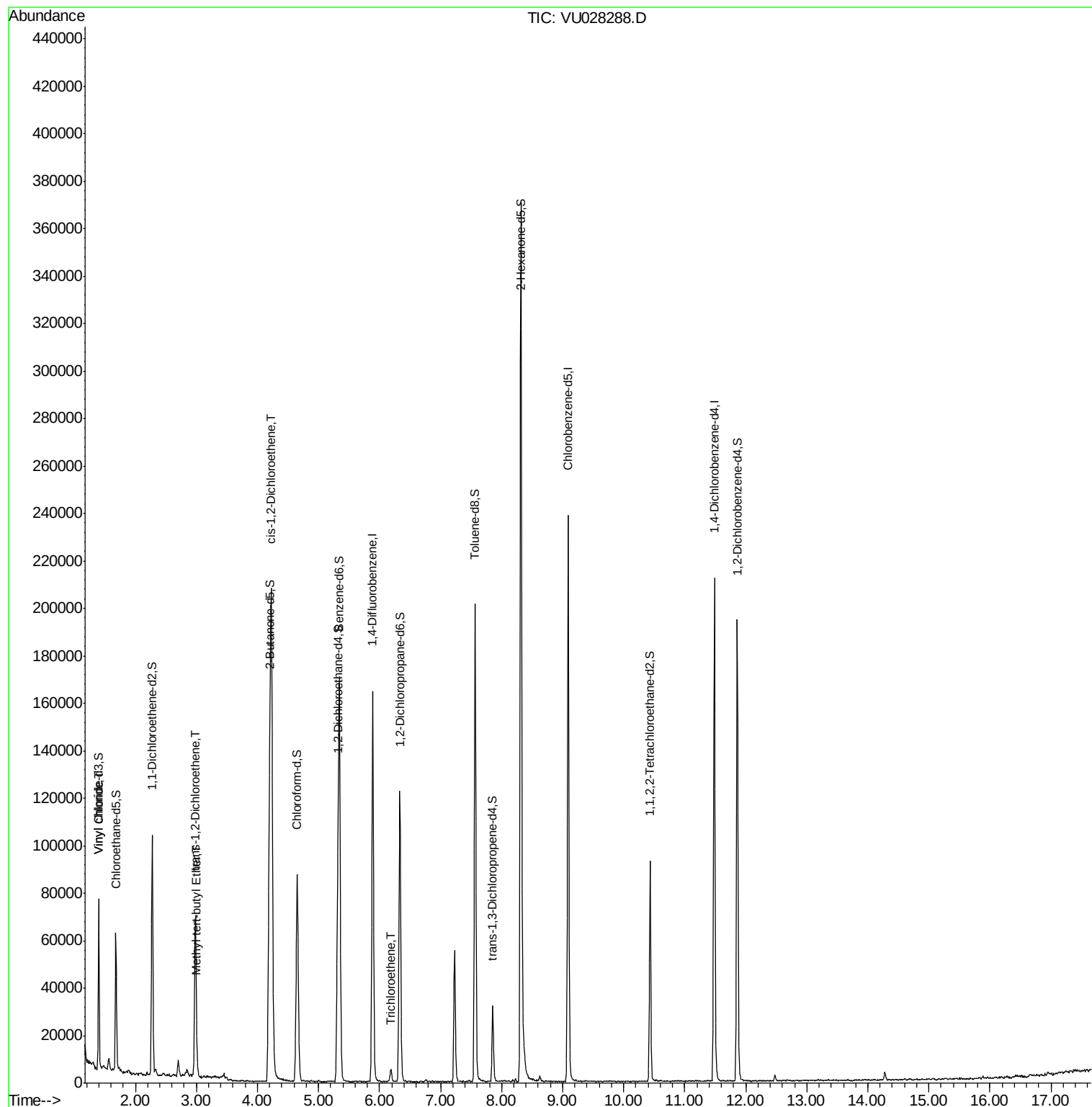
						Qvalue
5) Vinyl chloride	1.41	62	7813	0.61	ug/L	# 76
17) Methyl tert-butyl Ether	3.01	73	5673	0.24	ug/L	92
18) trans-1,2-Dichloroethene	2.98	96	22803	2.74	ug/L	97
22) cis-1,2-Dichloroethene	4.23	96	88560	8.99	ug/L	93
34) Trichloroethene	6.19	95	1621	0.16	ug/L	92

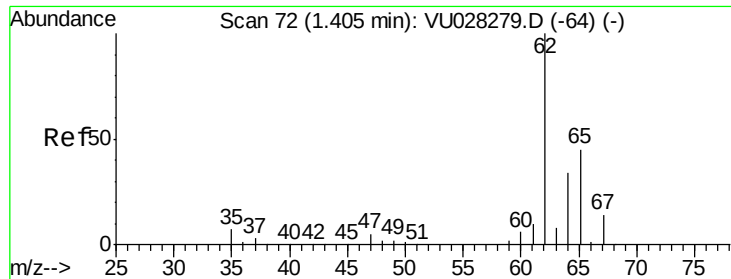
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU112018\
Data File : VU028288.D
Acq On : 20 Nov 2018 19:21
Operator : MD/SY
Sample : J5995-01DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0FG6DL

Quant Time: Nov 21 07:32:12 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 21 07:07:52 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.61 ug/L

RT: 1.41 min Scan# 72

Delta R.T. 0.00 min

Lab File: VU028288.D

Acq: 20 Nov 2018 19:21

Instrument :

MSVOA_U

ClientSampleId :

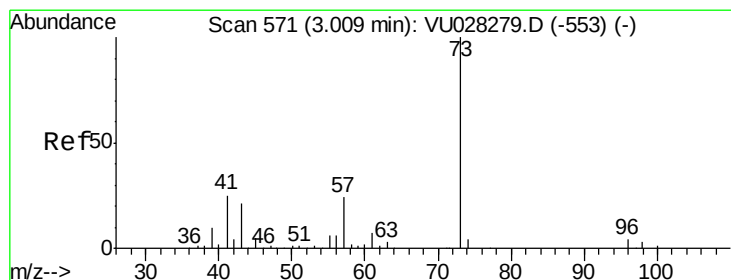
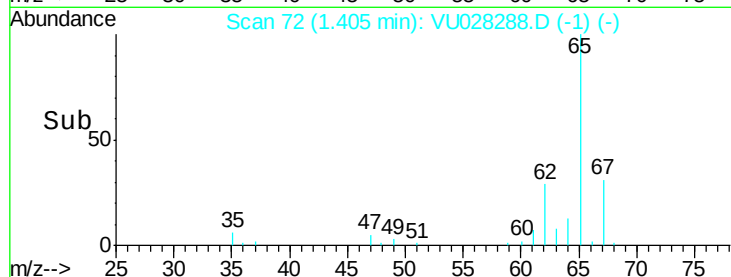
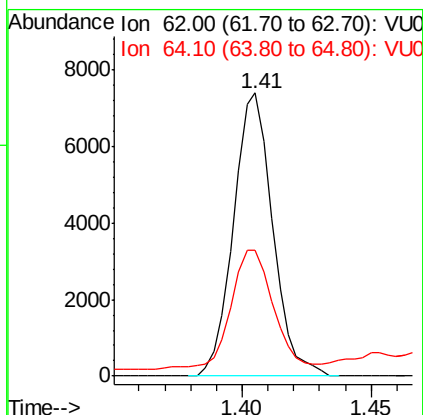
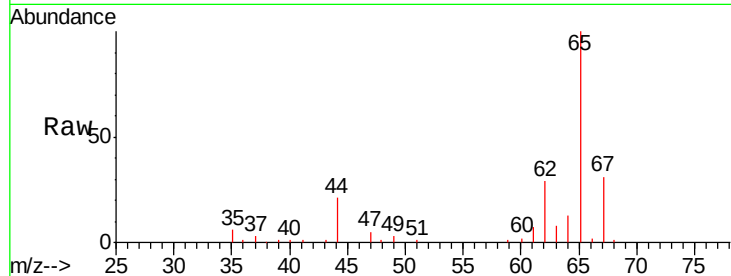
H0FG6DL

Tgt Ion: 62 Resp: 7813

Ion Ratio Lower Upper

62 100

64 44.4 21.7 40.3#



#17

Methyl tert-butyl Ether

Concen: 0.24 ug/L

RT: 3.01 min Scan# 572

Delta R.T. 0.00 min

Lab File: VU028288.D

Acq: 20 Nov 2018 19:21

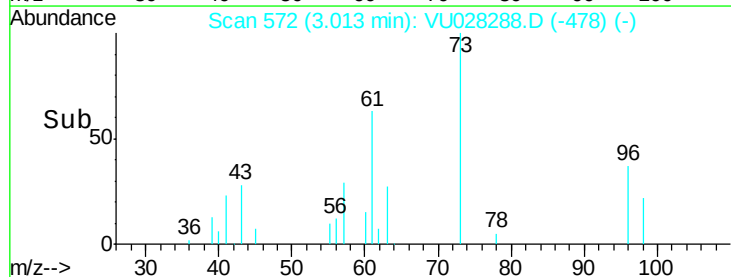
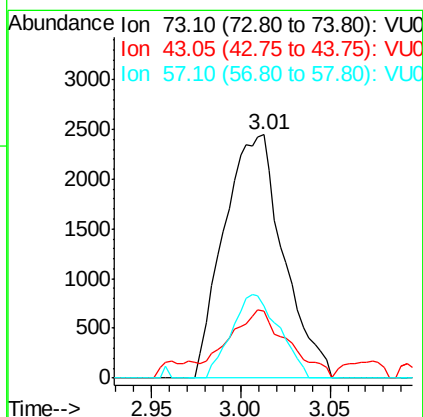
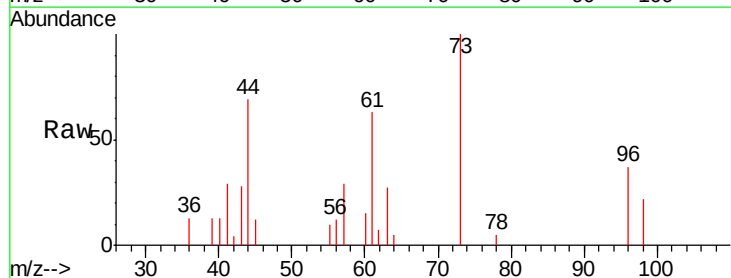
Tgt Ion: 73 Resp: 5673

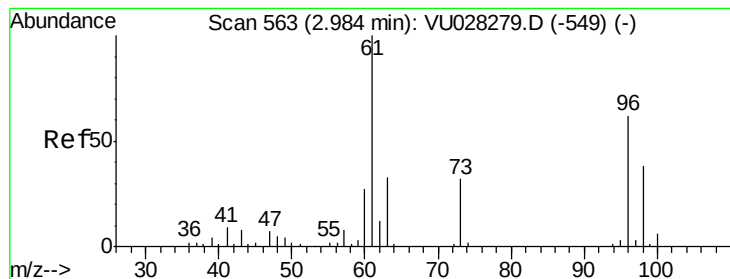
Ion Ratio Lower Upper

73 100

43 27.8 18.8 28.2

57 27.7 19.2 28.8





#18

trans-1,2-Dichloroethene

Concen: 2.74 ug/L

RT: 2.98 min Scan# 563

Delta R.T. 0.00 min

Lab File: VU028288.D

Acq: 20 Nov 2018 19:21

Instrument :

MSVOA_U

ClientSampleId :

H0FG6DL

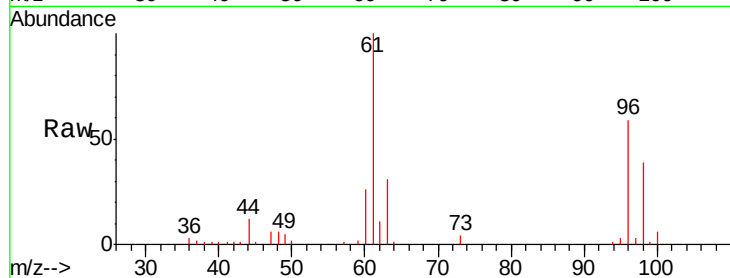
Tgt Ion: 96 Resp: 22803

Ion Ratio Lower Upper

96 100

61 170.3 122.2 227.0

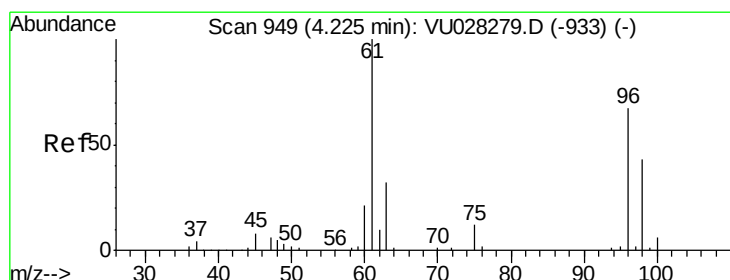
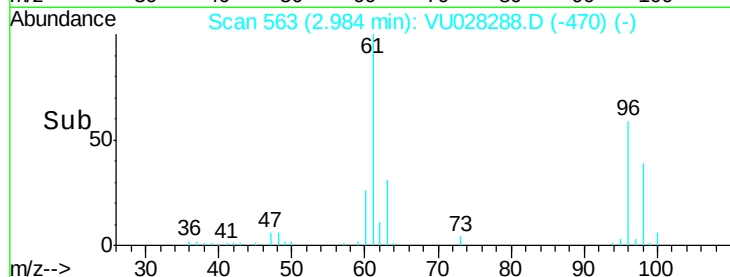
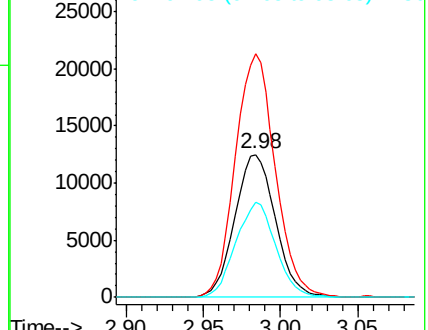
98 66.4 44.9 83.5



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: 8.99 ug/L

RT: 4.23 min Scan# 950

Delta R.T. 0.00 min

Lab File: VU028288.D

Acq: 20 Nov 2018 19:21

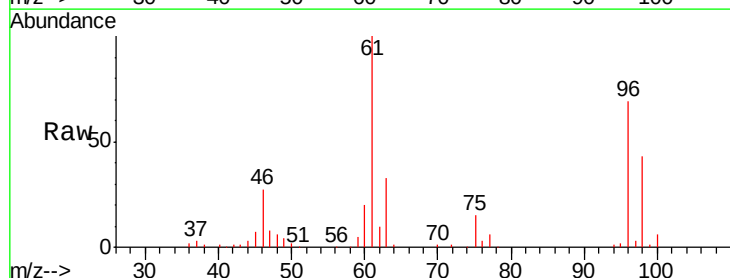
Tgt Ion: 96 Resp: 88560

Ion Ratio Lower Upper

96 100

61 145.6 108.0 200.6

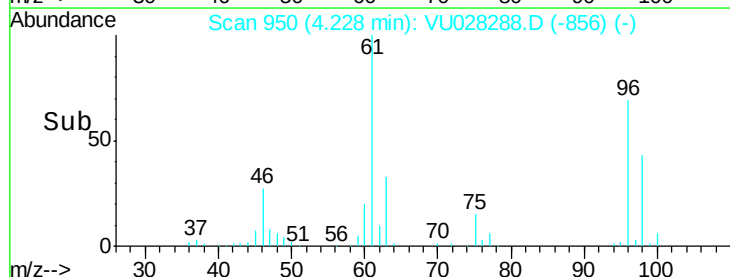
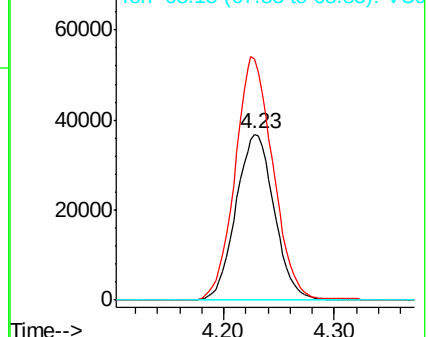
68 0.0 0.0 0.0

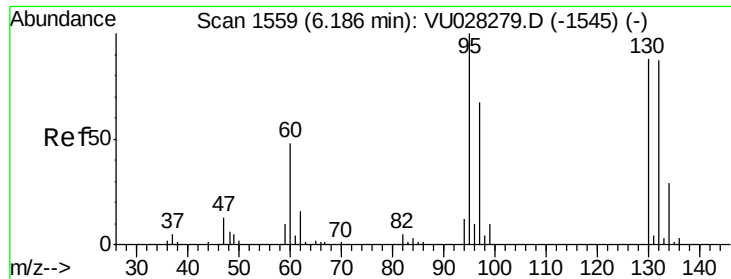


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0





#34

Trichloroethene

Concen: 0.16 ug/L

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU028288.D

Acq: 20 Nov 2018 19:21

Instrument :

MSVOA_U

ClientSampleId :

H0FG6DL

Tgt Ion: 95 Resp: 1621

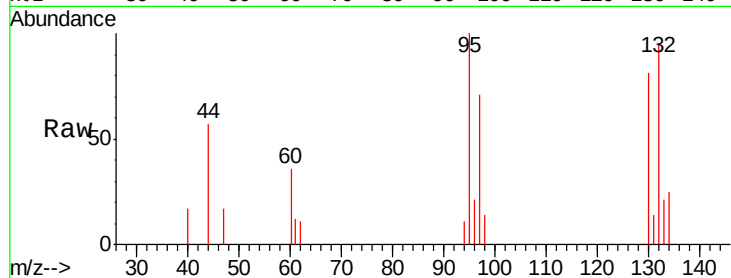
Ion Ratio Lower Upper

95 100

97 70.6 46.5 86.3

132 94.9 58.9 109.3

130 81.4 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

