

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062918\
 Data File : VU025072.D
 Acq On : 29 Jun 2018 16:12
 Operator : MD/SY
 Sample : J3766-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0ST8

Quant Time: Jun 30 01:40:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM062918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 29 23:41:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	363871	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	325948	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	148409	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	99573	45.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.56%
7) Chloroethane-d5	1.68	69	83618	46.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.22%
11) 1,1-Dichloroethene-d2	2.27	63	167593	35.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.64%
21) 2-Butanone-d5	4.18	46	193880	106.63	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.63%
24) Chloroform-d	4.65	84	216653	46.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.31	65	158849	48.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.16%
32) Benzene-d6	5.35	84	435835	48.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.46%
36) 1,2-Dichloropropane-d6	6.34	67	138083	48.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.96%
41) Toluene-d8	7.57	98	415087	47.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.88%
43) trans-1,3-Dichloropropene-	7.85	79	68220	47.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.52%
47) 2-Hexanone-d5	8.31	63	138609	106.62	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.62%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	196514	48.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.38%
64) 1,2-Dichlorobenzene-d4	11.86	152	162575	50.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.54%

Target Compounds

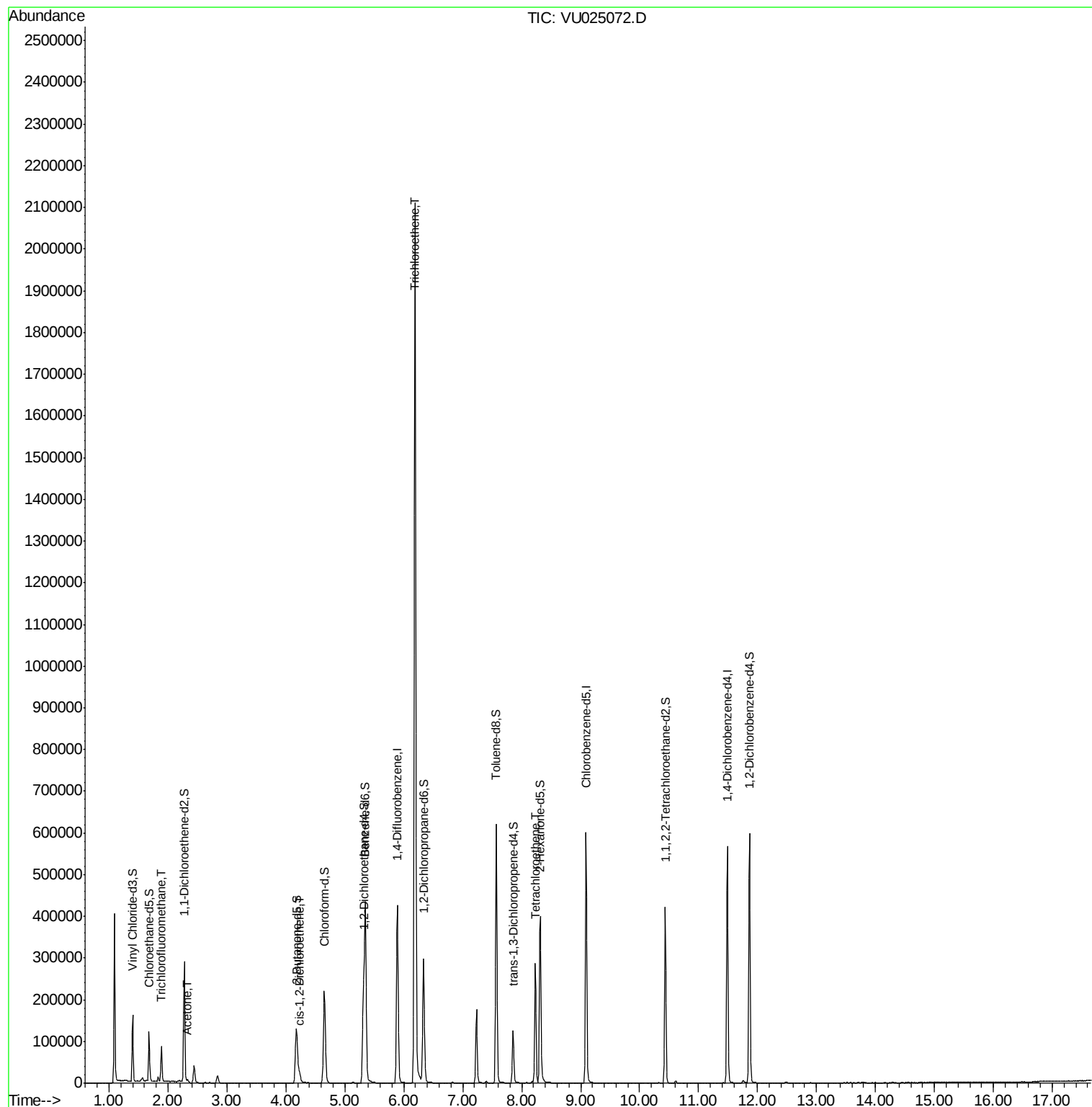
						Ovalue
9) Trichlorofluoromethane	1.89	101	50883	12.35	ug/L	97
13) Acetone	2.32	43	5489	2.94	ug/L	96
20) cis-1,2-Dichloroethene	4.23	96	10172	3.64	ug/L	94
34) Trichloroethene	6.19	95	716827	272.60	ug/L	99
46) Tetrachloroethene	8.23	164	63248	28.41	ug/L	97

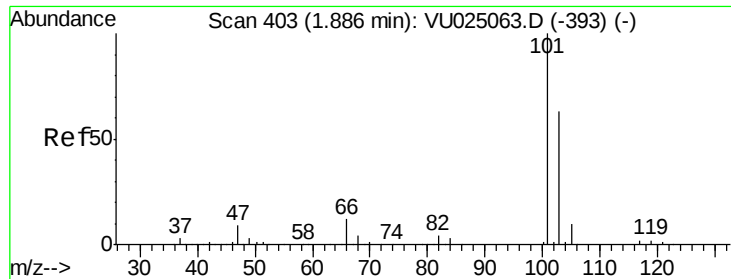
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 12.35 ug/L

RT: 1.89 min Scan# 404

Delta R.T. 0.00 min

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MSVOA_U

ClientSampleId :

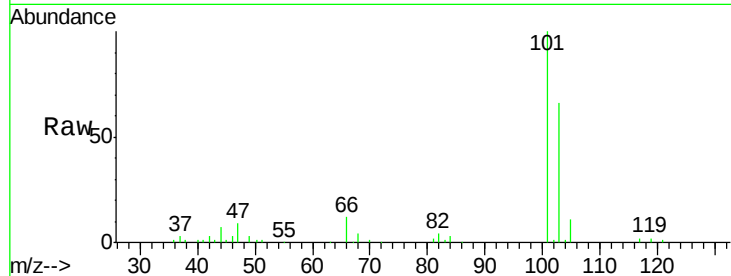
C0ST8

Tot Ion:101 Resp: 50883

Ion Ratio Lower Upper

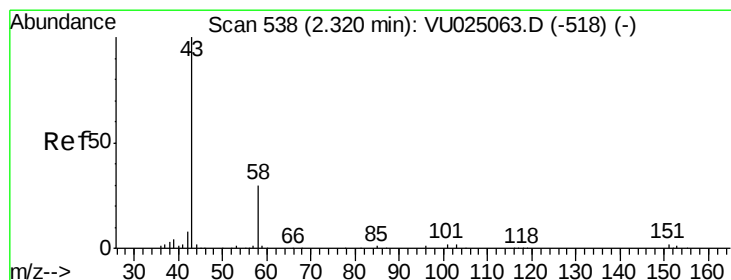
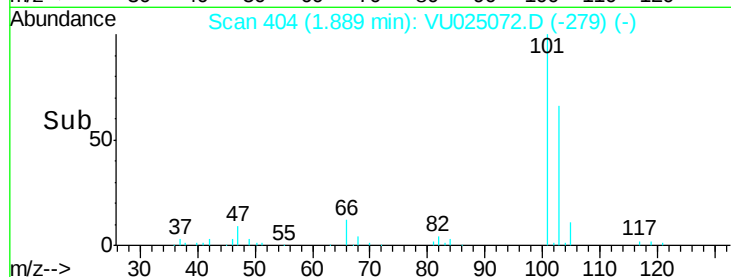
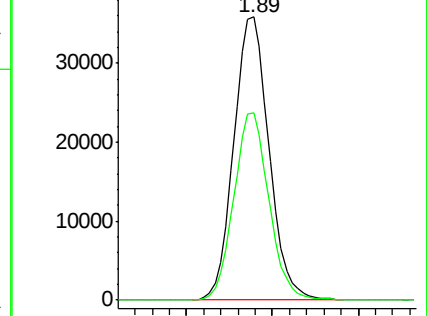
101 100

103 66.0 51.1 76.7



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#13

Acetone

Concen: 2.94 ug/L

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU025072.D

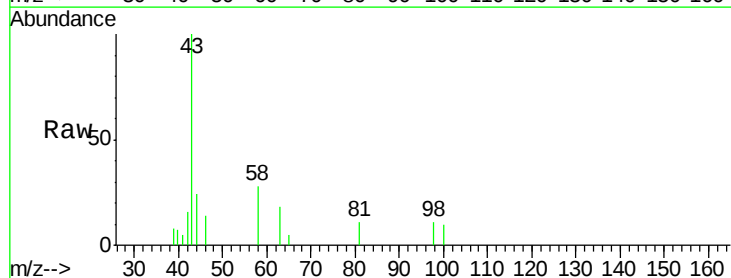
Acq: 29 Jun 2018 16:12

Tgt Ion: 43 Resp: 5489

Ion Ratio Lower Upper

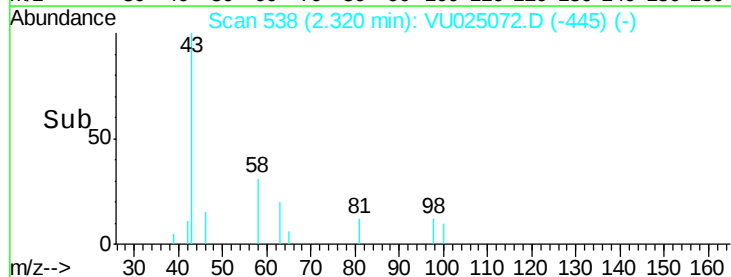
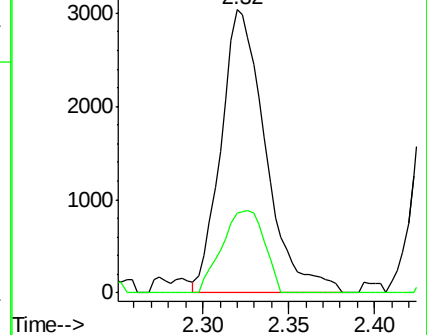
43 100

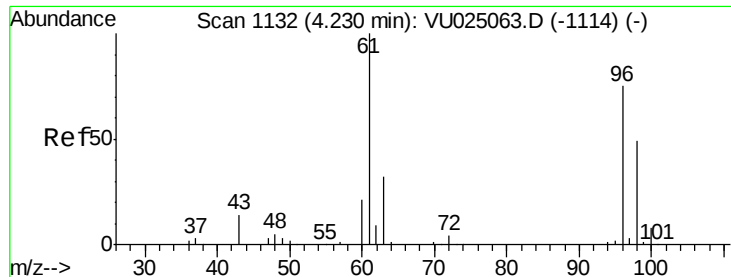
58 27.6 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#20

cis-1,2-Dichloroethene

Concen: 3.64 ug/L

RT: 4.23 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VU025072.D

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ClientSampleId :

C0ST8

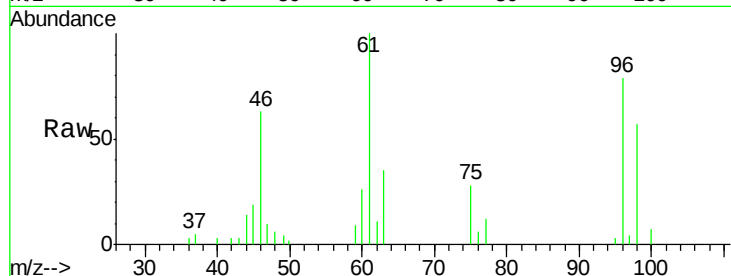
Tot Ion: 96 Resp: 10172

Ion Ratio Lower Upper

96 100

61 126.6 93.4 173.6

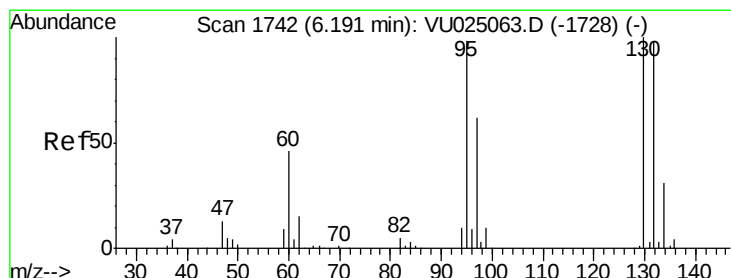
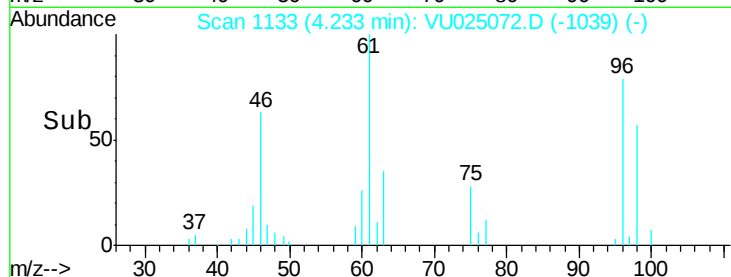
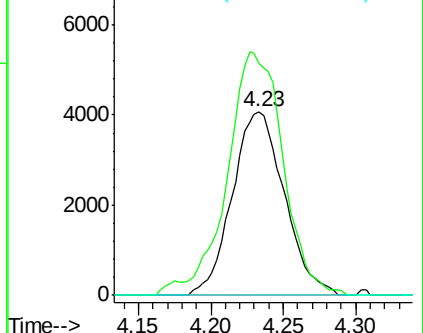
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU025063.D (-1114) (-)

Ion 61.00 (60.70 to 61.70): VU025063.D (-1114) (-)

Ion 68.00 (67.70 to 68.70): VU025063.D (-1114) (-)



#34

Trichloroethene

Concen: 272.60 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VU025072.D

Acq: 29 Jun 2018 16:12

Tgt Ion: 95 Resp: 716827

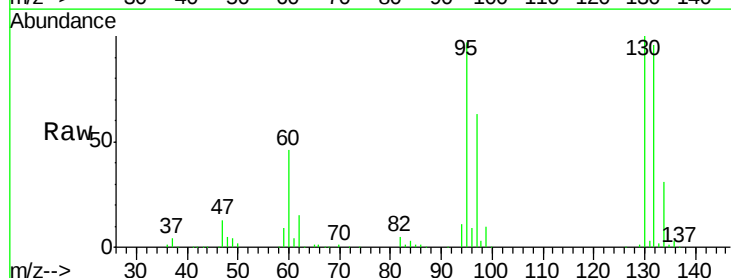
Ion Ratio Lower Upper

95 100

97 65.2 44.1 81.9

132 99.3 70.2 130.4

130 103.4 71.7 133.1

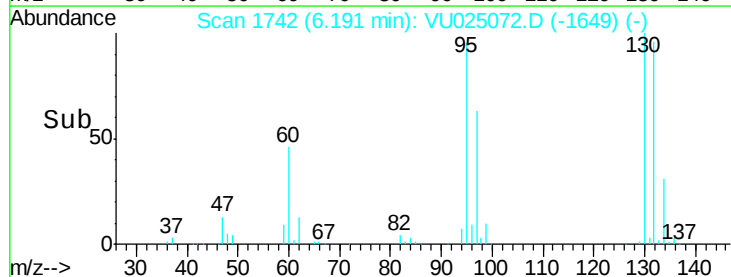
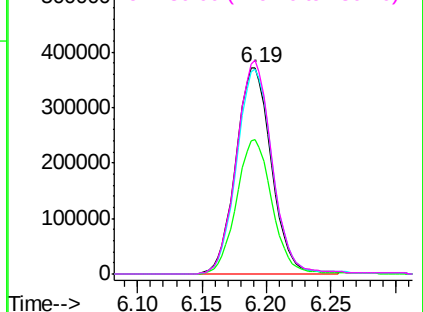


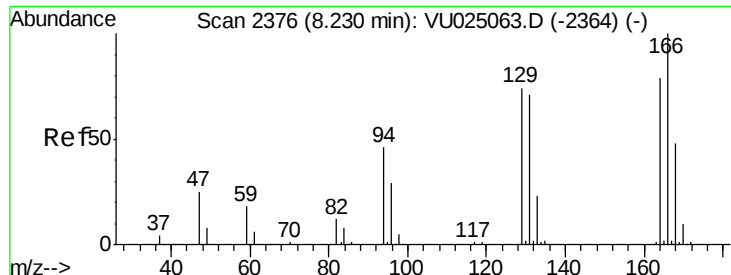
Abundance Ion 95.00 (94.70 to 95.70): VU025063.D (-1728) (-)

Ion 97.00 (96.70 to 97.70): VU025063.D (-1728) (-)

Ion 132.00 (131.70 to 132.70): VU025063.D (-1728) (-)

Ion 130.00 (129.70 to 130.70): VU025063.D (-1728) (-)





#46

Tetrachloroethene

Concen: 28.41 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. -0.00 min

Lab File: VU025072.D

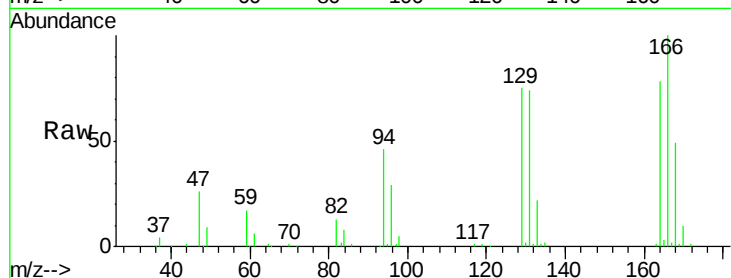
Acq: 29 Jun 2018 16:12

Instrument :

MSVOA_U

ClientSampleId :

C0ST8



Tot Ion:164 Resp: 63248

Ion Ratio Lower Upper

164 100

129 96.0 66.1 122.8

131 94.9 62.7 116.5

166 128.5 88.8 165.0

Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

