

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090618\
 Data File : VU026603.D
 Acq On : 07 Sep 2018 01:28
 Operator : MD/SY
 Sample : J4750-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0SY5

Quant Time: Sep 07 07:23:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 07 05:26:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	156104	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	145785	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	60270	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	55588	57.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	114.94%
7) Chloroethane-d5	1.68	69	49234	56.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	112.72%
11) 1,1-Dichloroethene-d2	2.27	63	77994	35.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.62%
21) 2-Butanone-d5	4.18	46	89166	118.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.78%
24) Chloroform-d	4.65	84	96984	53.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.18%
26) 1,2-Dichloroethane-d4	5.31	65	66656	54.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.62%
32) Benzene-d6	5.34	84	196097	58.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.72%
36) 1,2-Dichloropropane-d6	6.33	67	68674	59.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	118.98%
41) Toluene-d8	7.57	98	173753	53.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.14%
43) trans-1,3-Dichloropropene-	7.85	79	27798	52.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.48%
47) 2-Hexanone-d5	8.31	63	63049	119.10	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	119.10%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	92386	54.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.66%
64) 1,2-Dichlorobenzene-d4	11.86	152	66653	60.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	121.90%#

Target Compounds

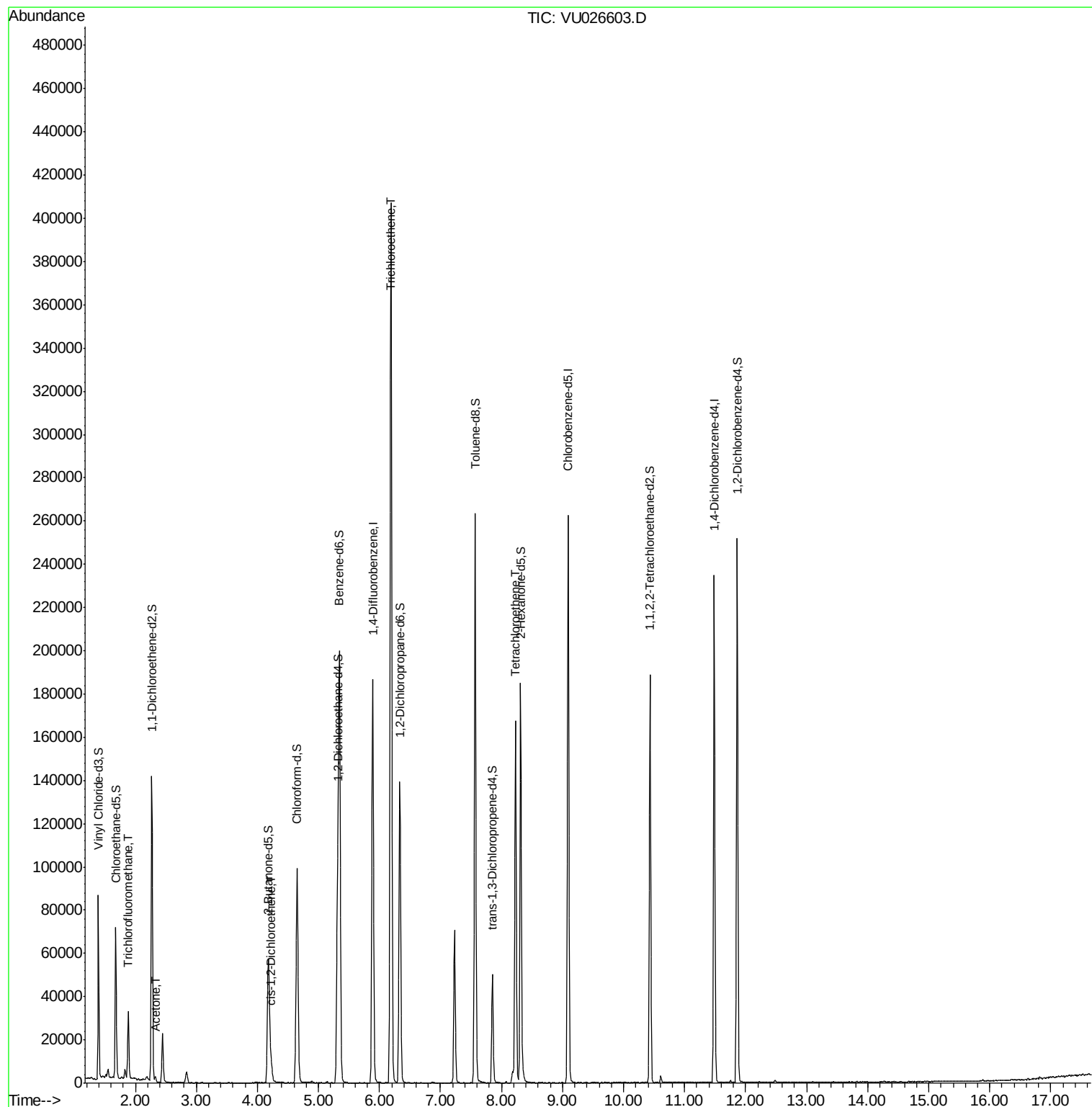
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Trichlorofluoromethane	1.88	101	18010	8.69	ug/L	100
13) Acetone	2.32	43	1755	2.70	ug/L	88
20) cis-1,2-Dichloroethene	4.23	96	2678	2.37	ug/L	95
34) Trichloroethene	6.19	95	139502	133.07	ug/L	98
46) Tetrachloroethene	8.23	164	37123	43.31	ug/L	97

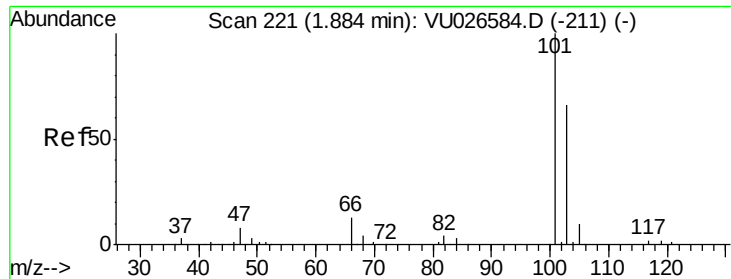
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 8.69 ug/L

RT: 1.88 min Scan# 221

Delta R.T. 0.00 min

Lab File: VU026603.D

Acq: 07 Sep 2018 01:28

Instrument :

MSVOA_U

ClientSampled :

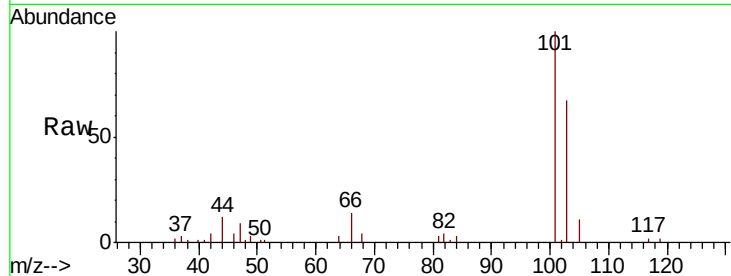
C0SY5

Tot Ion:101 Resp: 18010

Ion Ratio Lower Upper

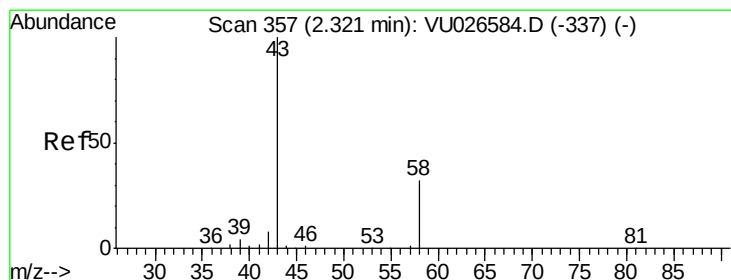
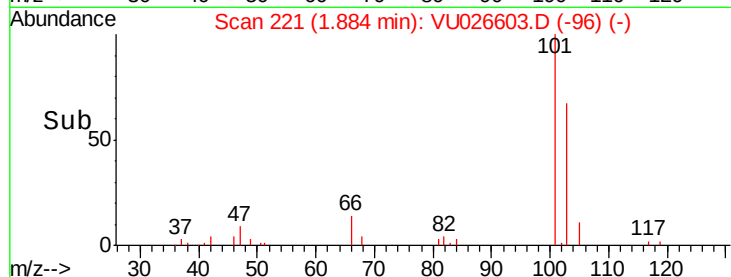
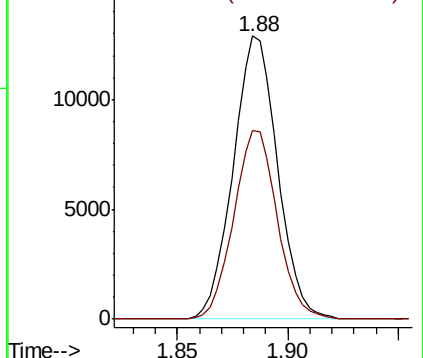
101 100

103 65.6 52.7 79.1



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#13

Acetone

Concen: 2.70 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU026603.D

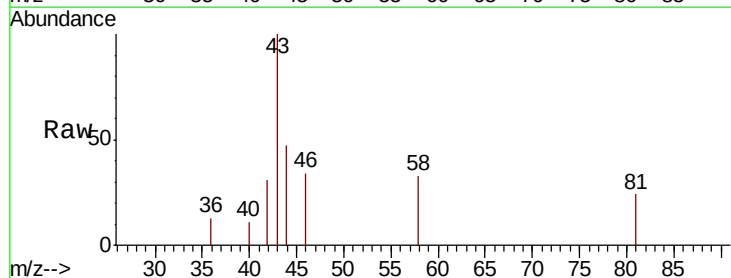
Acq: 07 Sep 2018 01:28

Tgt Ion: 43 Resp: 1755

Ion Ratio Lower Upper

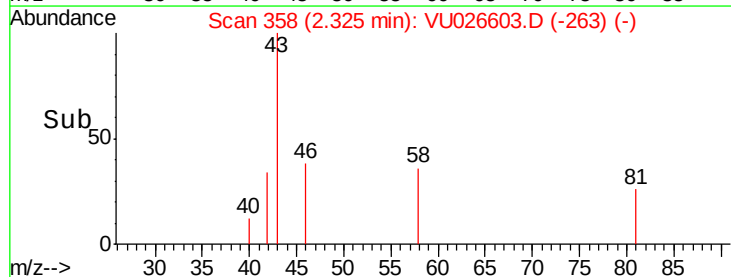
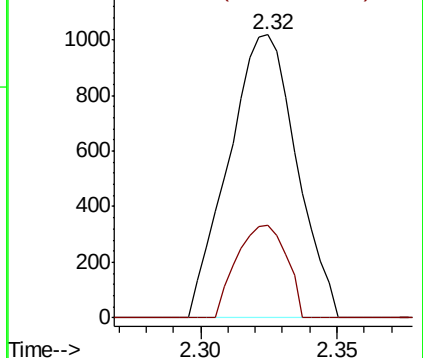
43 100

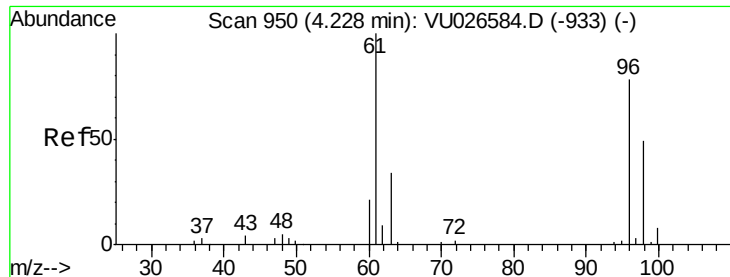
58 24.0 0.0 61.2



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: 2.37 ug/L

RT: 4.23 min Scan# 950

Delta R.T. 0.00 min

Lab File: VU026603.D

Acq: 07 Sep 2018 01:28

Instrument :

MSVOA_U

ClientSampled :

C0SY5

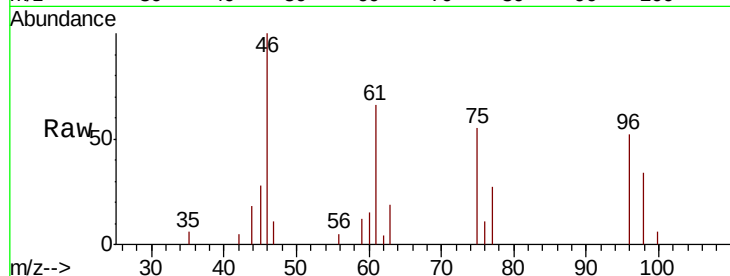
Tot Ion: 96 Resp: 2678

Ion Ratio Lower Upper

96 100

61 125.6 91.6 170.2

68 0.0 0.0 0.0

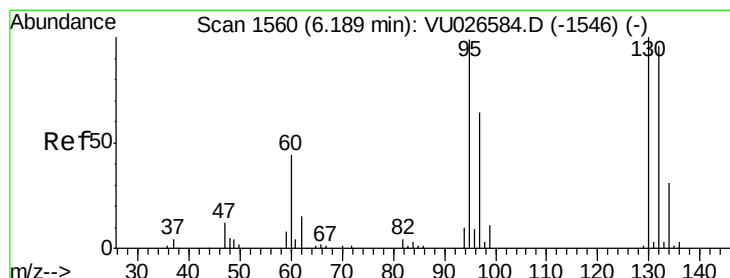
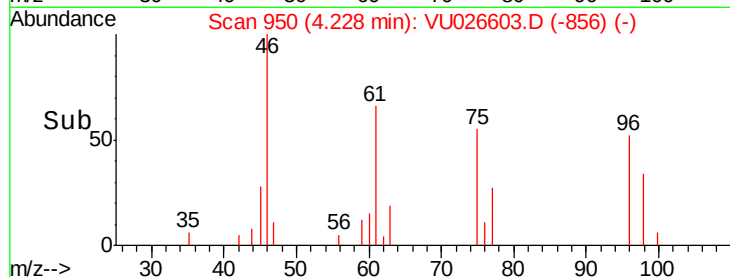
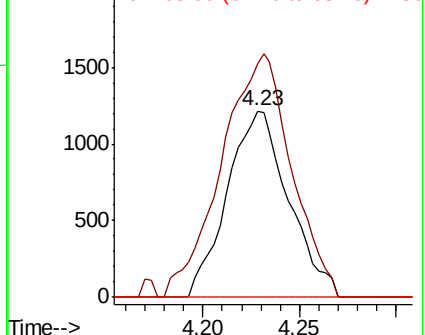


Abundance

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: 133.07 ug/L

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU026603.D

Acq: 07 Sep 2018 01:28

Tgt Ion: 95 Resp: 139502

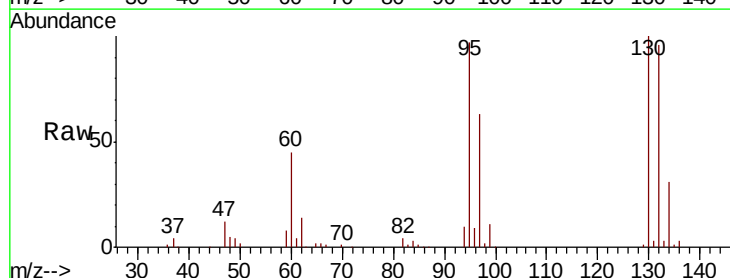
Ion Ratio Lower Upper

95 100

97 64.3 45.1 83.7

132 98.4 67.5 125.3

130 102.8 69.3 128.7



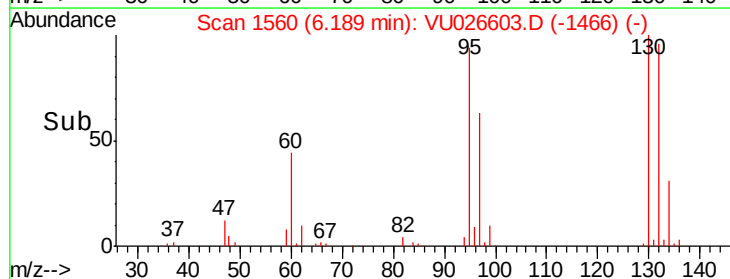
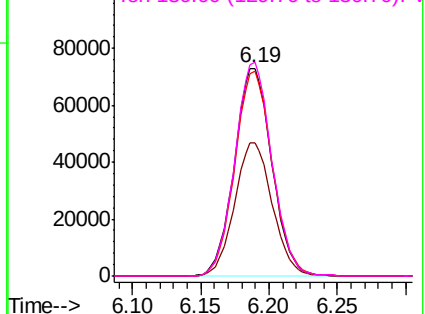
Abundance

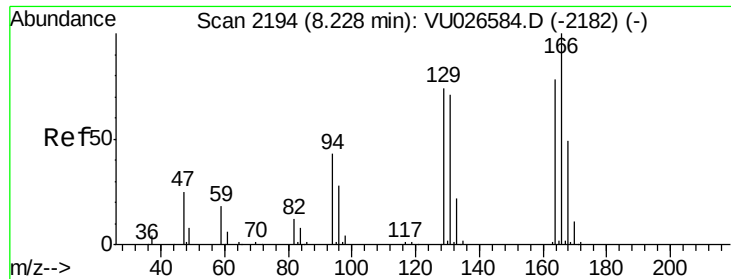
Ion 95.00 (94.70 to 95.70): VU0

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





#46

Tetrachloroethene

Concen: 43.31 ug/L

RT: 8.23 min Scan# 2194

Delta R.T. -0.00 min

Lab File: VU026603.D

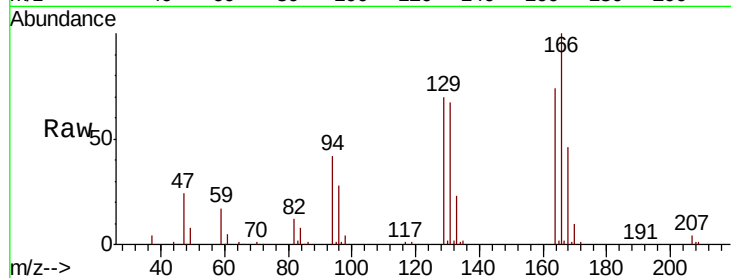
Acq: 07 Sep 2018 01:28

Instrument :

MSVOA_U

ClientSampleId :

C0SY5



Tot Ion:164 Resp: 37123

Ion Ratio Lower Upper

164 100

129 94.0 67.3 125.1

131 90.4 65.3 121.3

166 134.6 90.9 168.7

