

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050120\
 Data File : VU037988.D
 Acq On : 01 May 2020 14:45
 Operator : JC/MD
 Sample : L2471-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0Y17

Quant Time: May 02 01:04:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 02 00:09:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	706448	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	687407	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	310799	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	262302	42.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.42%
7) Chloroethane-d5	1.93	69	222260	43.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.94%
11) 1,1-Dichloroethene-d2	2.59	63	321633	31.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.28%
21) 2-Butanone-d5	4.66	46	419962	86.47	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.47%
24) Chloroform-d	5.10	84	405763	42.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.34%
26) 1,2-Dichloroethane-d4	5.74	65	297025	44.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.88%
32) Benzene-d6	5.76	84	914108	45.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.24%
36) 1,2-Dichloropropane-d6	6.72	67	302126	44.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.94%
41) Toluene-d8	7.92	98	819034	44.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.14%
43) trans-1,3-Dichloropropene-	8.20	79	134593	42.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.44%
47) 2-Hexanone-d5	8.65	63	272946	93.42	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.42%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	411764	42.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.08%
64) 1,2-Dichlorobenzene-d4	12.20	152	288414	44.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.76%

Target Compounds

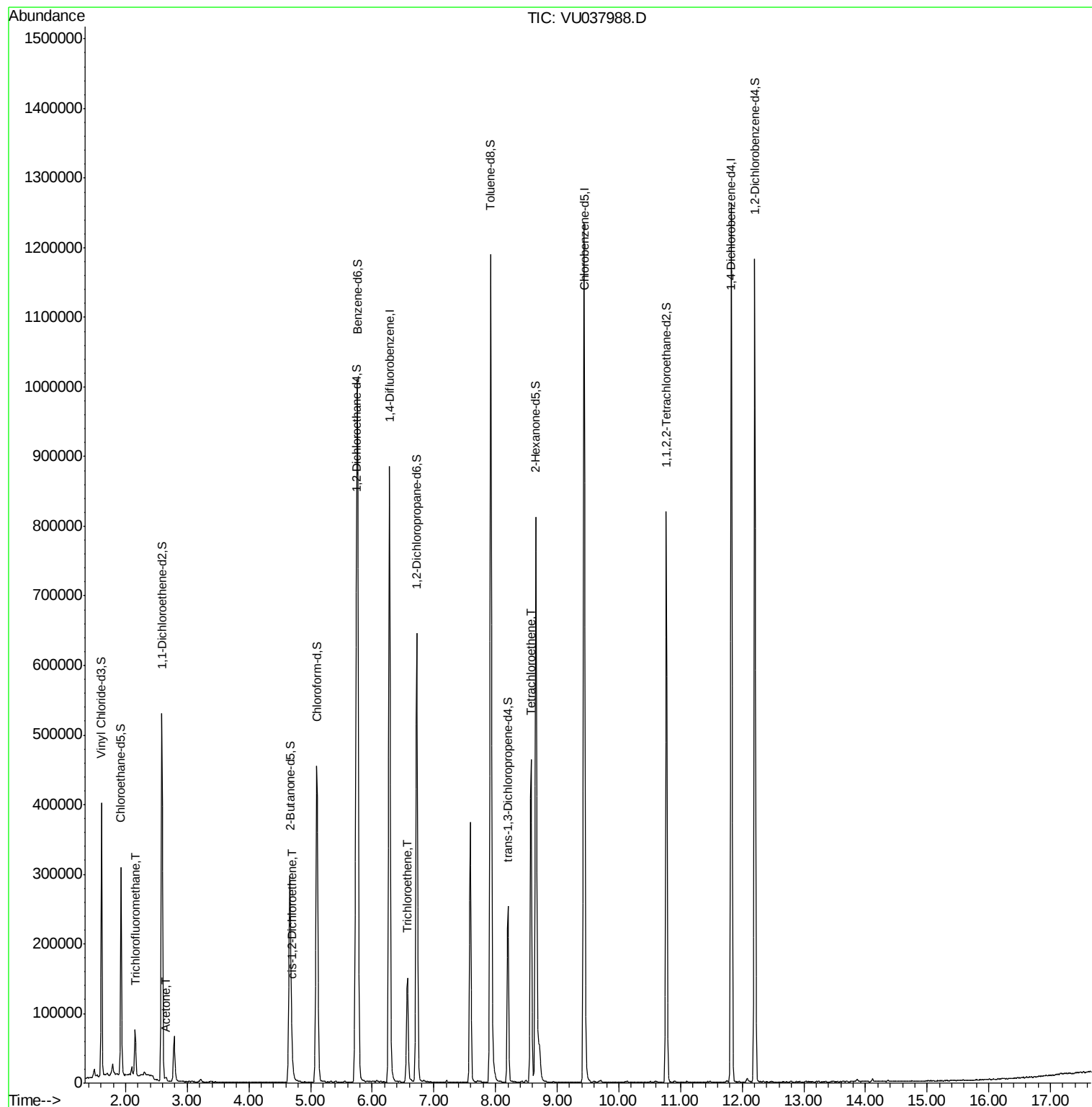
					Ovalue
9) Trichlorofluoromethane	2.16	101	39682	5.394	ug/L 98
13) Acetone	2.66	43	5555	1.776	ug/L 92
20) cis-1,2-Dichloroethene	4.70	96	5051	0.914	ug/L 90
34) Trichloroethene	6.57	95	47023	9.024	ug/L 98
46) Tetrachloroethene	8.57	164	99785	26.228	ug/L 98

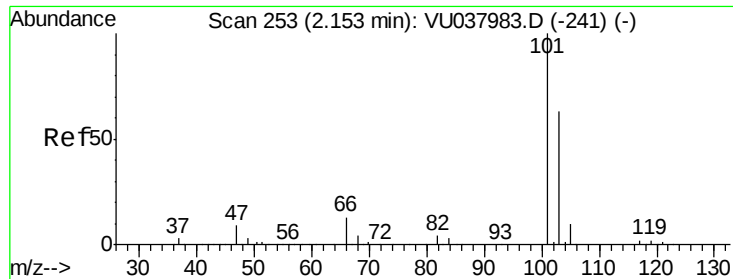
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 5.394 ug/L

RT: 2.16 min Scan# 254

Delta R.T. 0.00 min

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Acq: 01 May 2020 14:45

Instrument :

MSVOA_U

ClientSampleId :

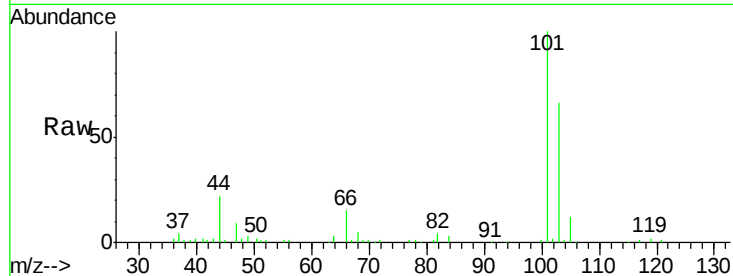
C0Y17

Tot Ion:101 Resp: 39682

Ion Ratio Lower Upper

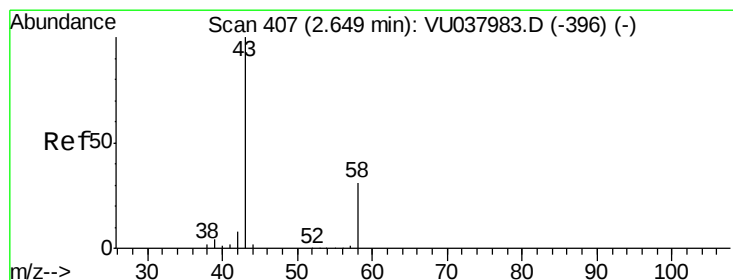
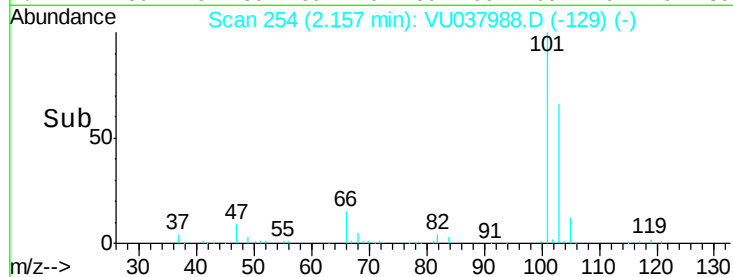
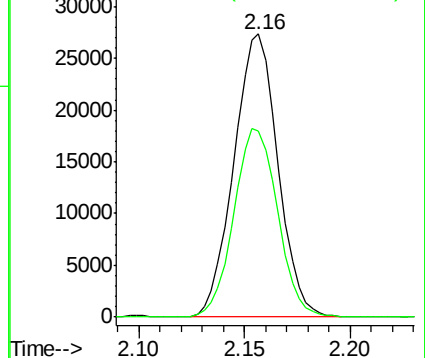
101 100

103 66.1 51.4 77.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#13

Acetone

Concen: 1.776 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.01 min

Lab File: VU037988.D

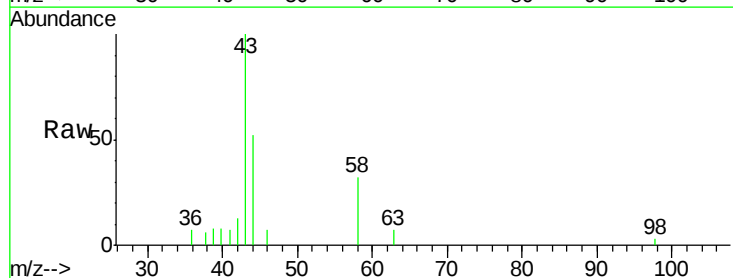
Acq: 01 May 2020 14:45

Tgt Ion: 43 Resp: 5555

Ion Ratio Lower Upper

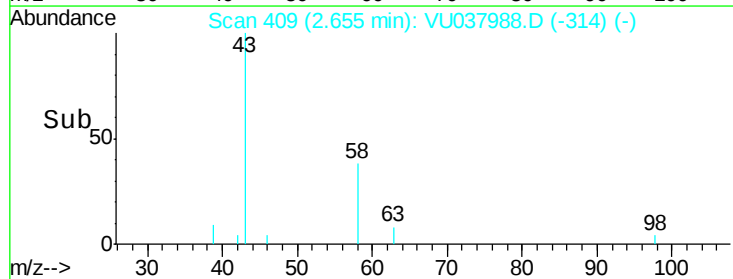
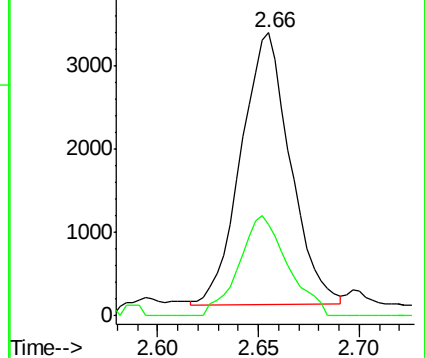
43 100

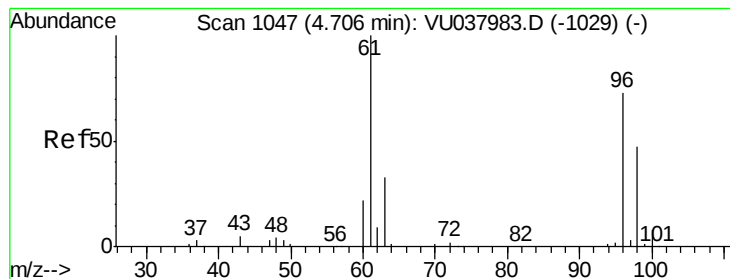
58 36.4 0.0 64.4



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: 0.914 ug/L

RT: 4.70 min Scan# 1046

Delta R.T. -0.00 min

Lab File: VU037988.D

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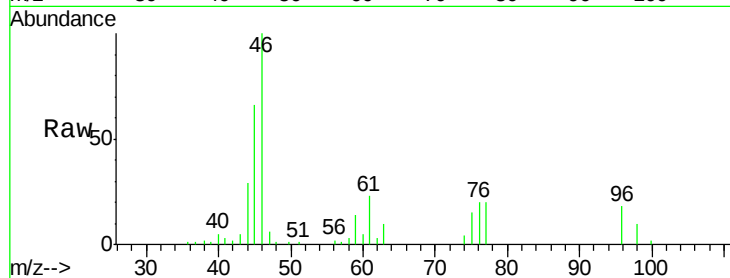
Tot Ion: 96 Resp: 5051

Ion Ratio Lower Upper

96 100

61 122.6 93.9 174.3

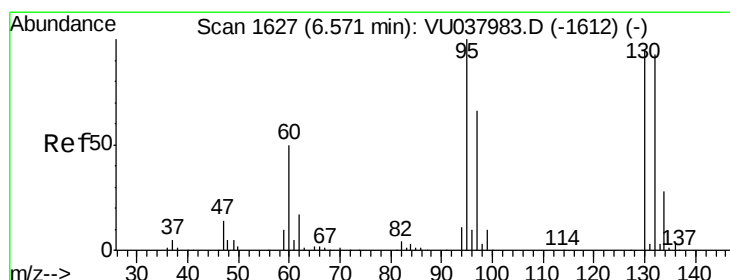
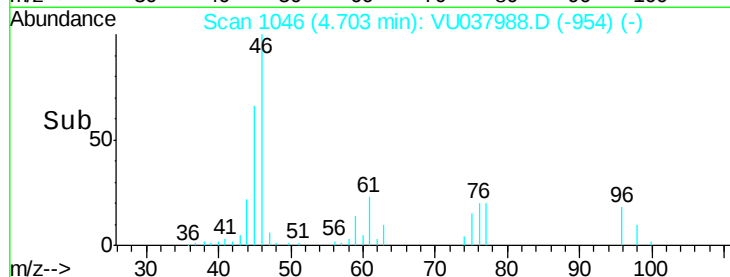
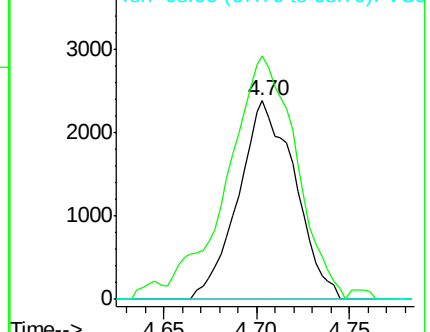
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU037988.D (-1029) (-)

Ion 61.00 (60.70 to 61.70): VU037988.D (-1029) (-)

Ion 68.00 (67.70 to 68.70): VU037988.D (-1029) (-)



#34

Trichloroethene

Concen: 9.024 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VU037988.D

Acq: 01 May 2020 14:45

Tgt Ion: 95 Resp: 47023

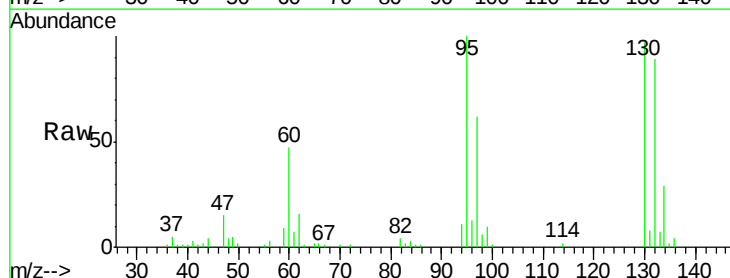
Ion Ratio Lower Upper

95 100

97 62.0 44.9 83.5

132 89.1 63.2 117.4

130 96.8 65.9 122.3

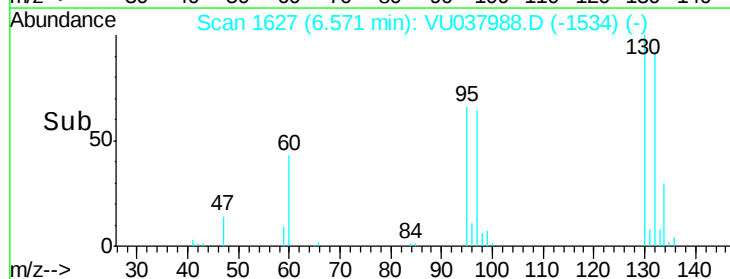
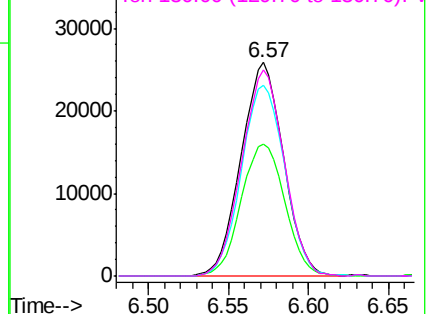


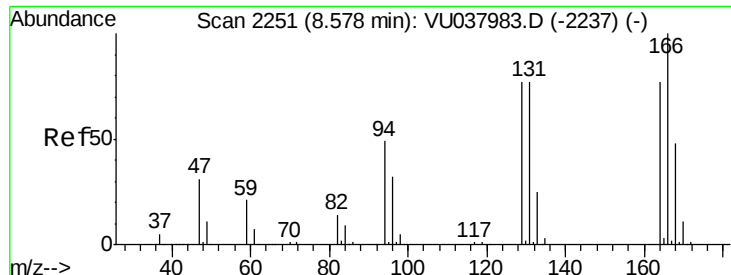
Abundance Ion 95.00 (94.70 to 95.70): VU037988.D (-1612) (-)

Ion 97.00 (96.70 to 97.70): VU037988.D (-1612) (-)

Ion 132.00 (131.70 to 132.70): VU037988.D (-1612) (-)

Ion 130.00 (129.70 to 130.70): VU037988.D (-1612) (-)





#46

Tetrachloroethene

Concen: 26.228 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU037988.D

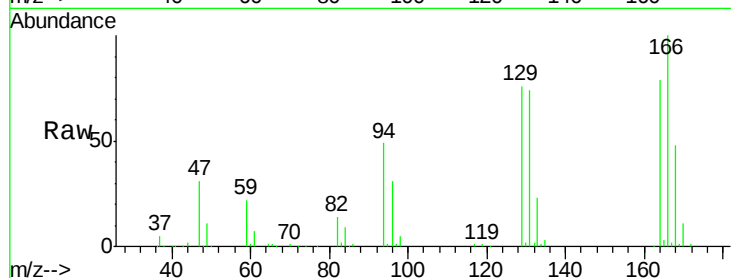
Acq: 01 May 2020 14:45

Instrument :

MSVOA_U

ClientSampleId :

C0Y17



Tot Ion:164 Resp: 99785

Ion Ratio Lower Upper

164 100

129 96.0 68.4 127.0

131 94.2 65.7 122.1

166 127.0 86.7 161.1

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

