

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011520\
 Data File : VU036465.D
 Acq On : 15 Jan 2020 12:39
 Operator : JC/MD
 Sample : L1090-01RE
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETOP5

Quant Time: Jan 15 14:42:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 15 14:19:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	461235	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	443893	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	171209	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	152357	50.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.90%
7) Chloroethane-d5	1.93	69	138351	53.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.90%
11) 1,1-Dichloroethene-d2	2.59	63	236071	41.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.22%
21) 2-Butanone-d5	4.68	46	290860	113.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.13%
24) Chloroform-d	5.11	84	322950	54.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.50%
26) 1,2-Dichloroethane-d4	5.75	65	223531	56.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.96%
32) Benzene-d6	5.77	84	641911	55.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.58%
36) 1,2-Dichloropropane-d6	6.73	67	212141	56.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	112.38%
41) Toluene-d8	7.93	98	597554	54.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.84%
43) trans-1,3-Dichloropropene-	8.21	79	109894	54.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.06%
47) 2-Hexanone-d5	8.67	63	212837	110.01	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.01%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	310294	54.64	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.28%
64) 1,2-Dichlorobenzene-d4	12.22	152	189185	56.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.20%

Target Compounds

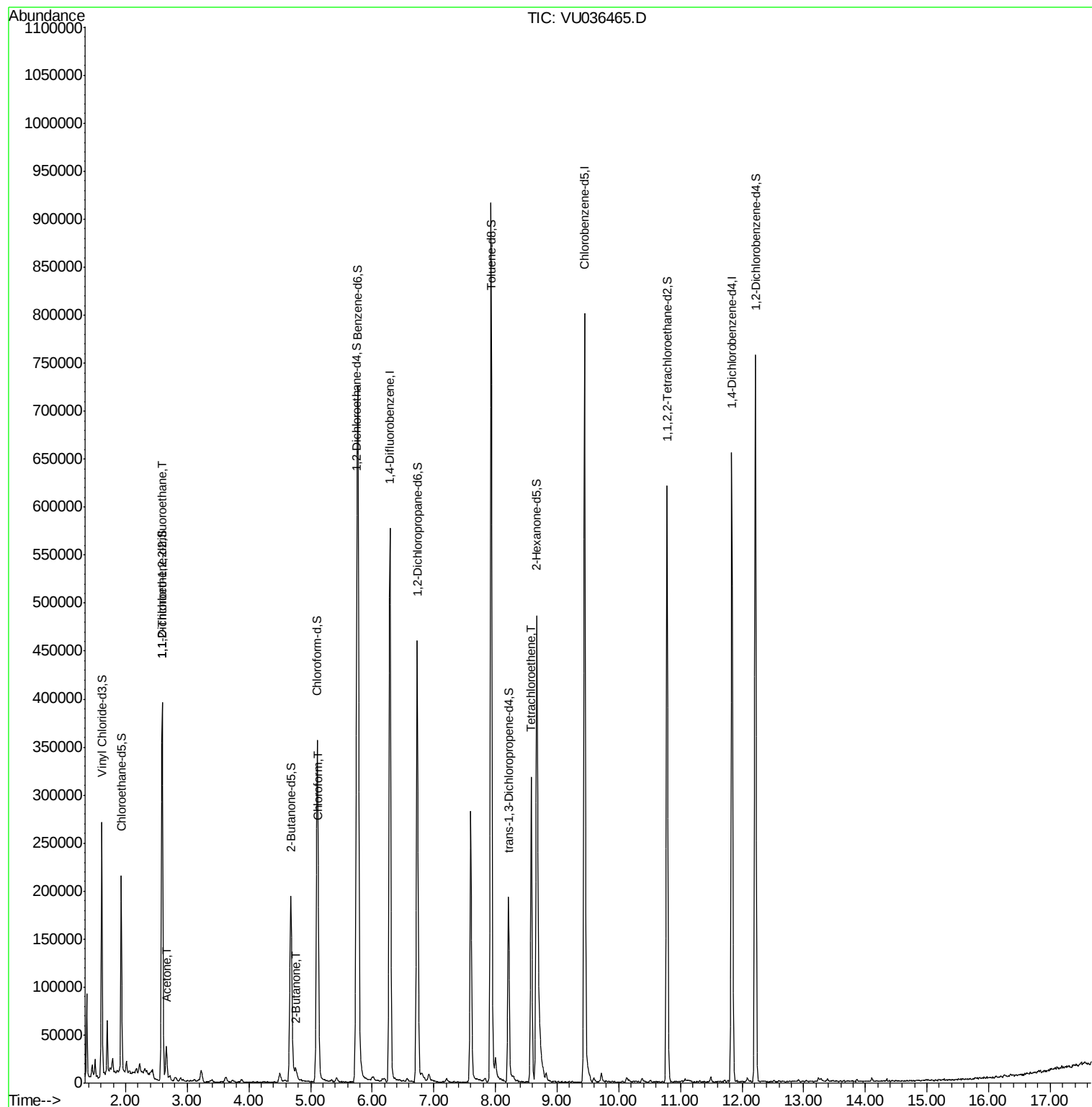
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	2554	0.928 ug/L #	24
13) Acetone	2.66	43	35700	12.830 ug/L	99
22) 2-Butanone	4.76	43	13539	4.288 ug/L	98
25) Chloroform	5.13	83	17356	2.884 ug/L #	74
46) Tetrachloroethene	8.58	164	60895	26.285 ug/L	91

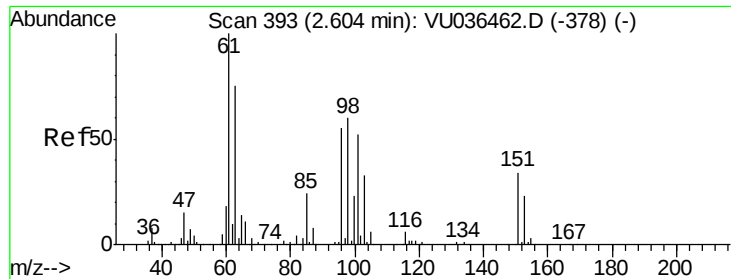
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jan 15 14:19:56 2020
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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.928 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

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MSVOA_U

ClientSampleId :

ETOP5

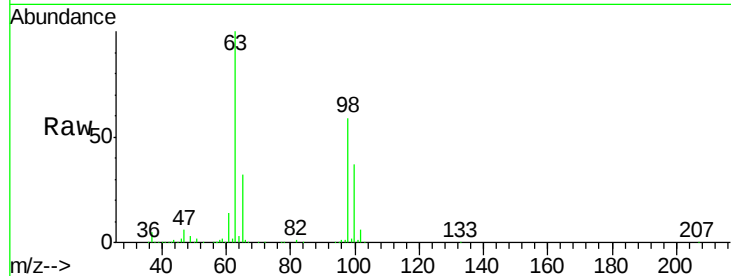
Tgt Ion:101 Resp: 2554

Ion Ratio Lower Upper

101 100

85 0.0 36.7 55.1#

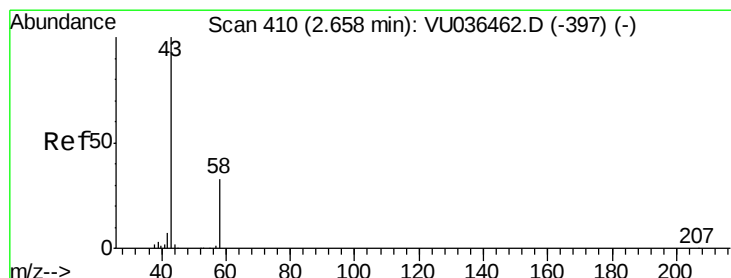
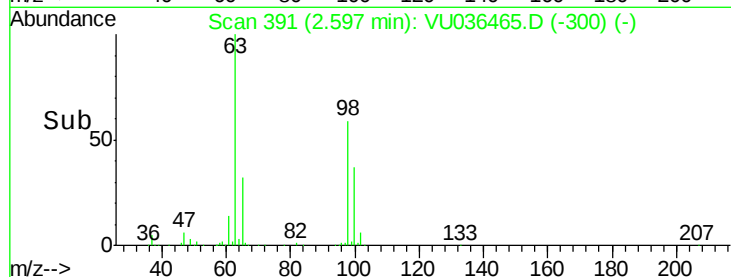
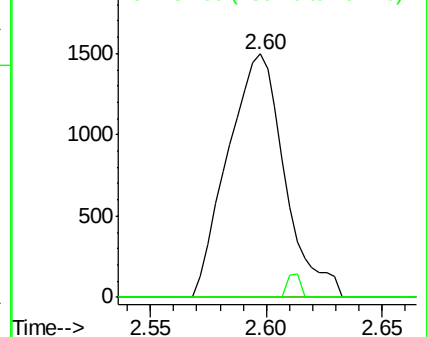
151 2.1 53.3 79.9#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 12.830 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.00 min

Lab File: VU036465.D

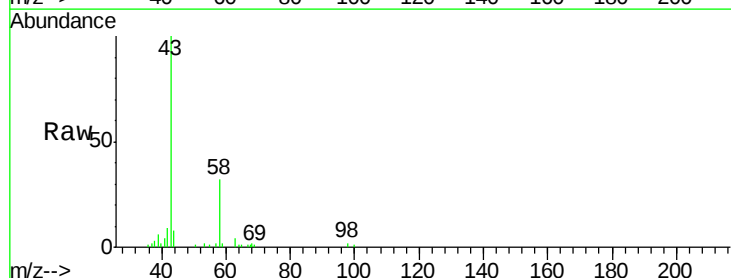
Acq: 15 Jan 2020 12:39

Tgt Ion: 43 Resp: 35700

Ion Ratio Lower Upper

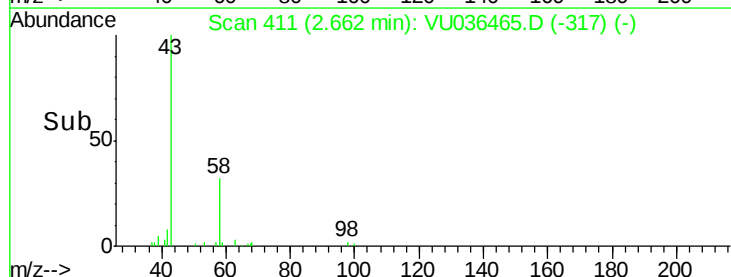
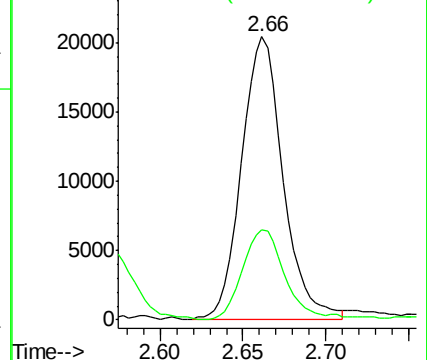
43 100

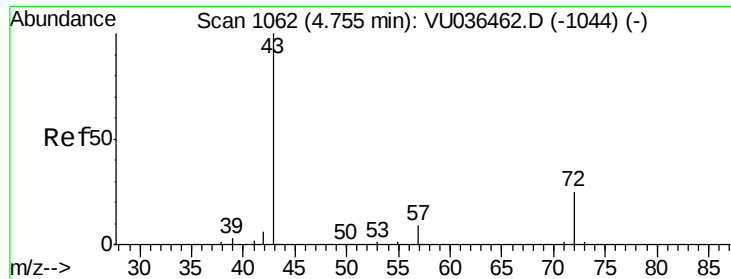
58 31.8 0.0 65.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#22

2-Butanone

Concen: 4.288 ug/L

RT: 4.76 min Scan# 1064

Delta R.T. 0.01 min

Lab File: VU036465.D

Acq: 15 Jan 2020 12:39

Instrument :

MSVOA_U

ClientSampled :

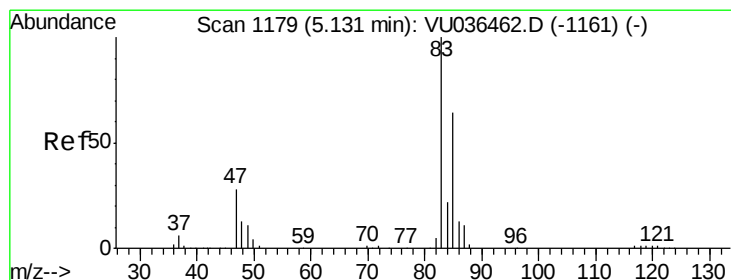
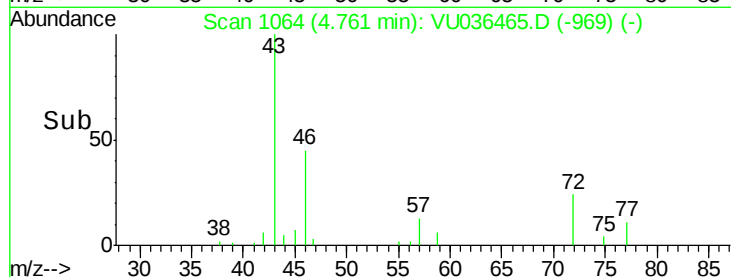
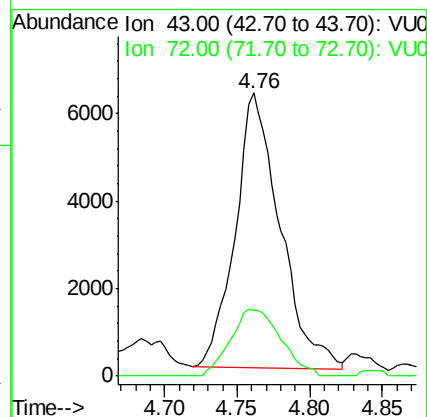
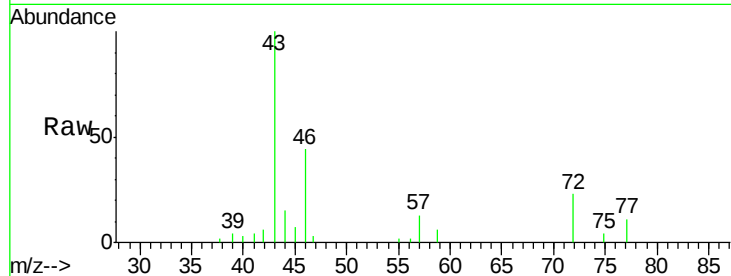
ETOP5

Tgt Ion: 43 Resp: 13539

Ion Ratio Lower Upper

43 100

72 27.2 14.1 42.4



#25

Chloroform

Concen: 2.884 ug/L

RT: 5.13 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VU036465.D

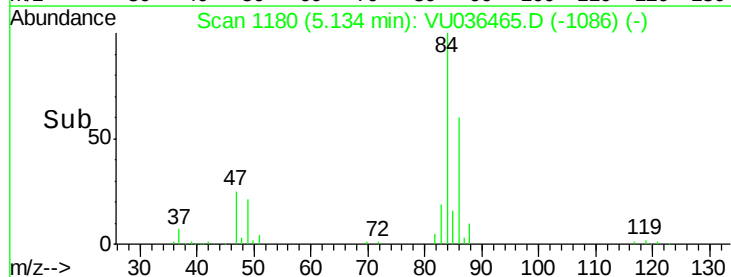
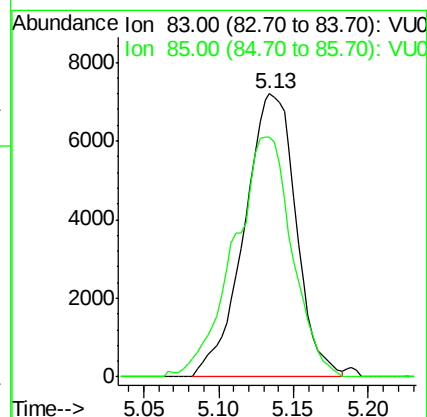
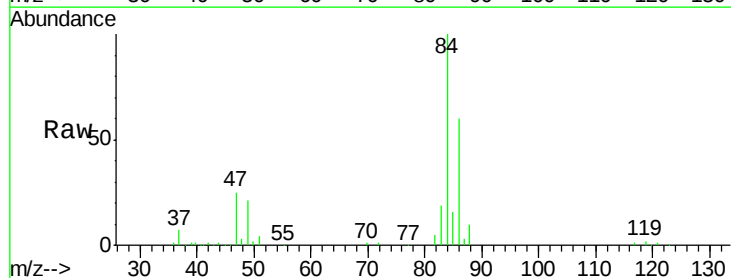
Acq: 15 Jan 2020 12:39

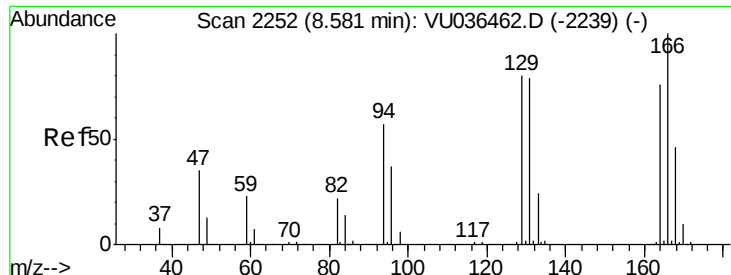
Tgt Ion: 83 Resp: 17356

Ion Ratio Lower Upper

83 100

85 84.6 45.1 83.9#





#46

Tetrachloroethene

Concen: 26.285 ug/L

RT: 8.58 min Scan# 2252

Delta R.T. -0.00 min

Lab File: VU036465.D

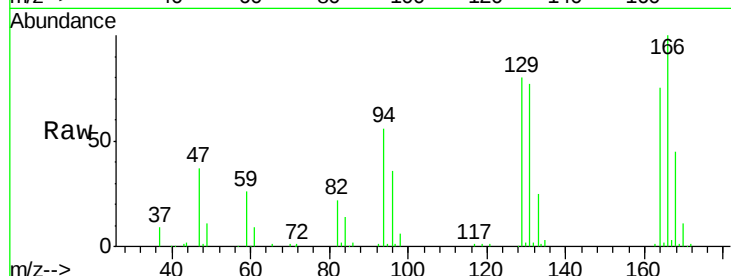
Acq: 15 Jan 2020 12:39

Instrument :

MSVOA_U

ClientSampleId :

ETOP5



Tgt Ion:164 Resp: 60895

Ion Ratio Lower Upper

164 100

129 106.9 68.1 126.5

131 102.6 66.6 123.6

166 132.9 86.5 160.7

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

