

Data File : VU036430.D
Acq On : 10 Jan 2020 15:50
Operator : JC/MD
Sample : L1105-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AD0

Quant Time: Jan 10 23:00:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 10 22:57:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	459817	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	449366	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	173750	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	183497	51.21	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	102.42%		
7) Chloroethane-d5	1.93	69	149641	49.51	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	99.02%		
11) 1,1-Dichloroethene-d2	2.59	63	257735	42.23	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.46%		
21) 2-Butanone-d5	4.67	46	263887	98.90	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	98.90%		
24) Chloroform-d	5.11	84	329430	52.68	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	105.36%		
26) 1,2-Dichloroethane-d4	5.75	65	227029	54.75	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	109.50%		
32) Benzene-d6	5.77	84	652384	52.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	104.30%		
36) 1,2-Dichloropropane-d6	6.73	67	212714	50.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	101.40%		
41) Toluene-d8	7.93	98	600155	49.97	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.94%		
43) trans-1,3-Dichloropropene-	8.21	79	111257	48.87	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	97.74%		
47) 2-Hexanone-d5	8.67	63	203482	94.03	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	94.03%		
57) 1,1,2,2-Tetrachloroethane-	10.78	84	299218	47.02	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.04%		
64) 1,2-Dichlorobenzene-d4	12.22	152	179290	49.19	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.38%		

Target Compounds

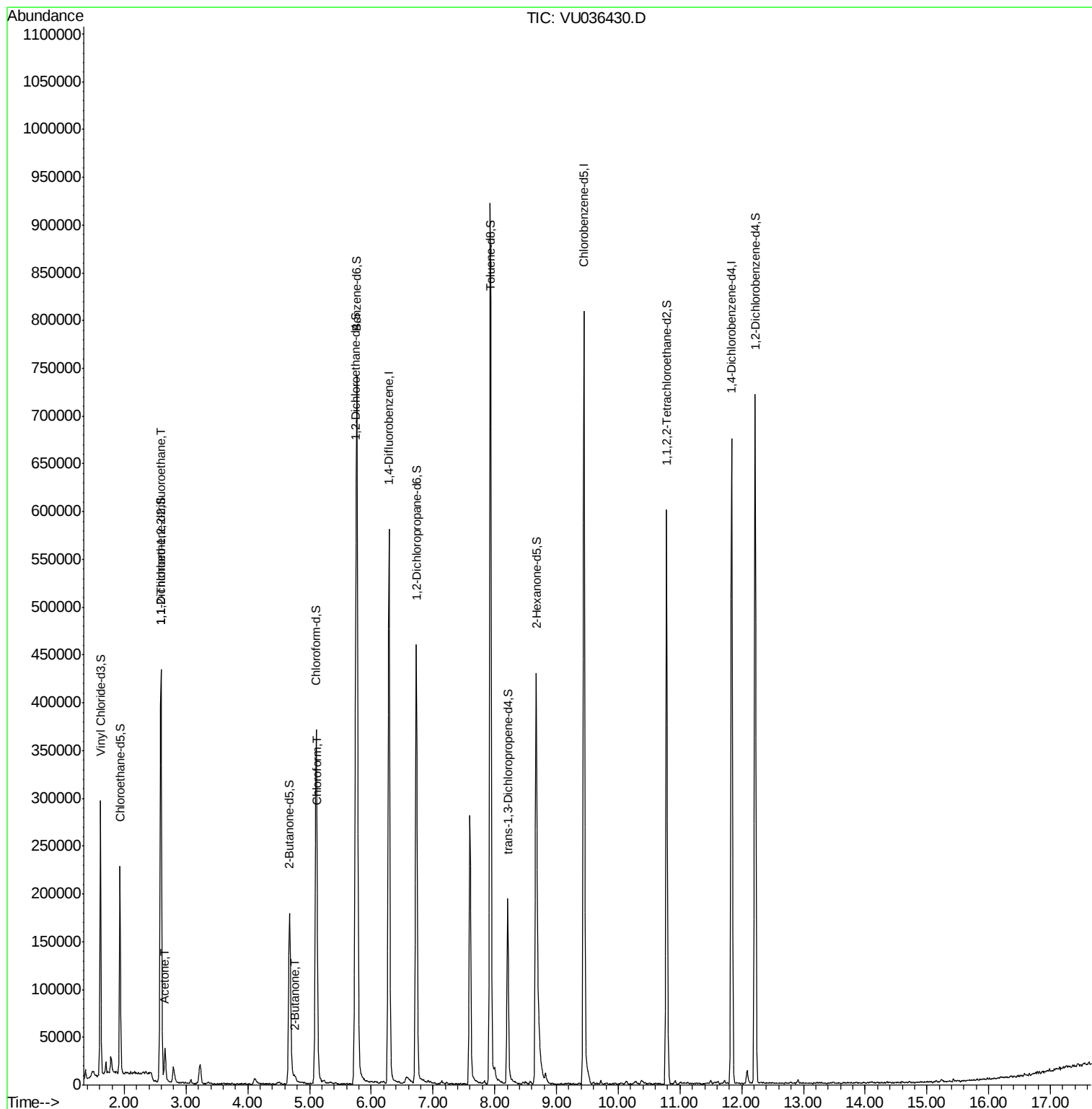
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2284	0.846 ug/L	# 25
13) Acetone	2.66	43	36311	13.121 ug/L	100
22) 2-Butanone	4.76	43	5590	1.710 ug/L	78
25) Chloroform	5.13	83	14979	2.441 ug/L	98

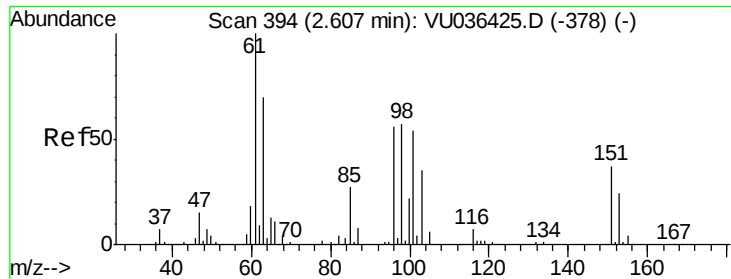
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.846 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

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Acq: 10 Jan 2020 15:50

Instrument :

MSVOA_U

ClientSampleId :

C0AD0

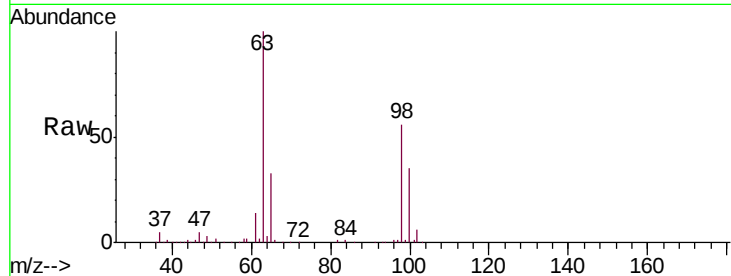
Tgt Ion:101 Resp: 2284

Ion Ratio Lower Upper

101 100

85 5.6 37.1 55.7#

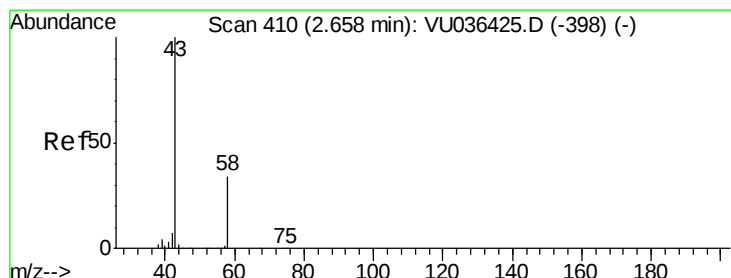
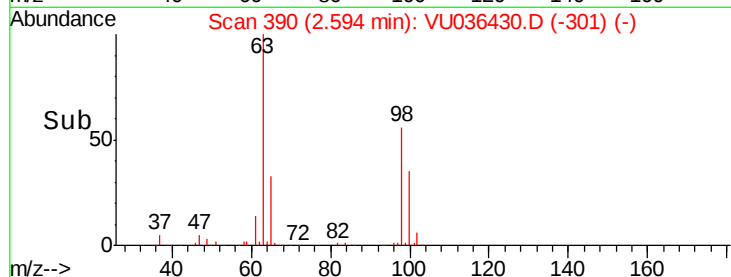
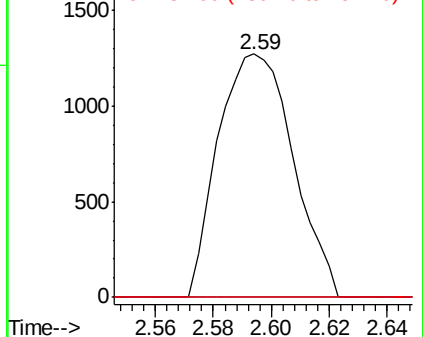
151 0.0 54.3 81.5#



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: 13.121 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.00 min

Lab File: VU036430.D

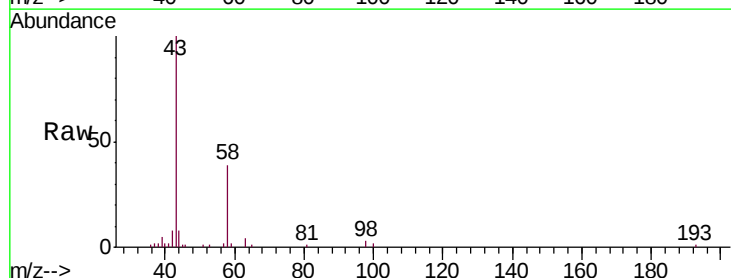
Acq: 10 Jan 2020 15:50

Tgt Ion: 43 Resp: 36311

Ion Ratio Lower Upper

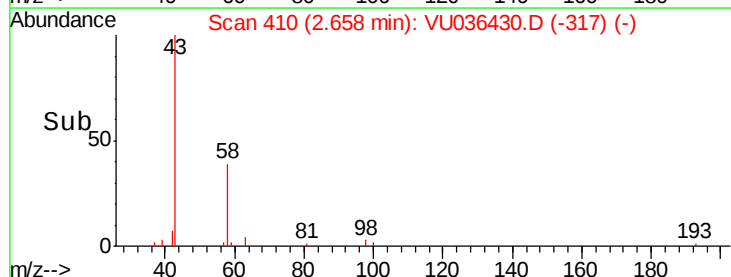
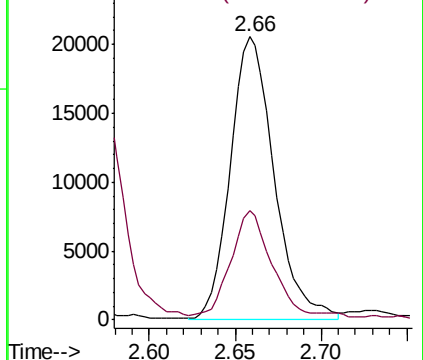
43 100

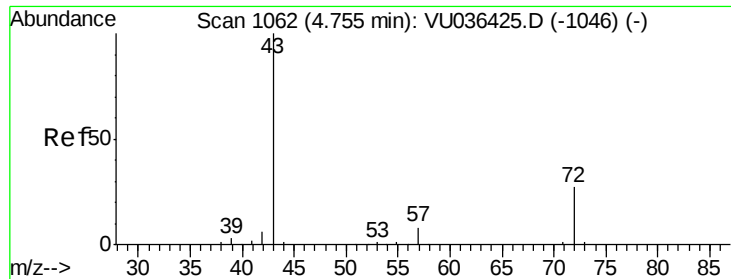
58 33.3 0.0 66.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#22

2-Butanone

Concen: 1.710 ug/L

RT: 4.76 min Scan# 1063

Delta R.T. 0.00 min

Lab File: VU036430.D

Acq: 10 Jan 2020 15:50

Instrument :

MSVOA_U

ClientSampled :

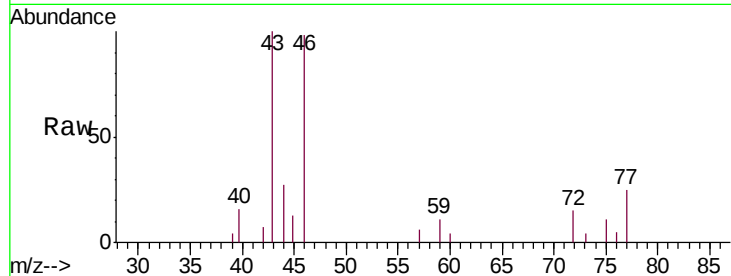
C0AD0

Tgt Ion: 43 Resp: 5590

Ion Ratio Lower Upper

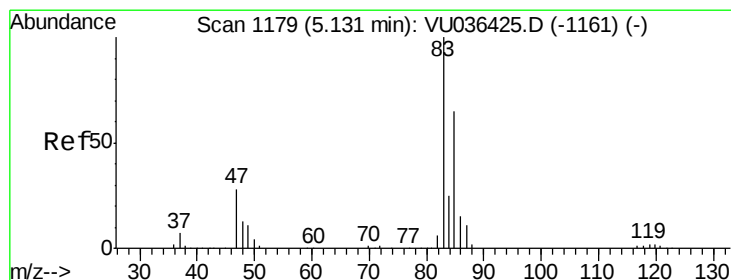
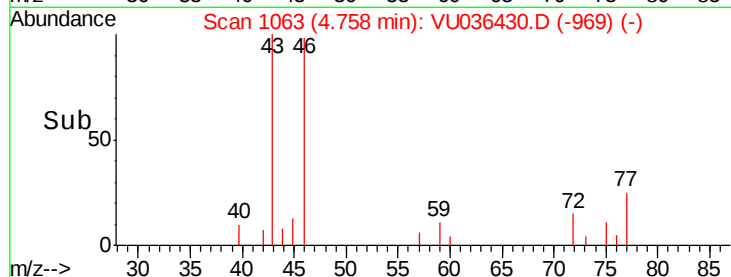
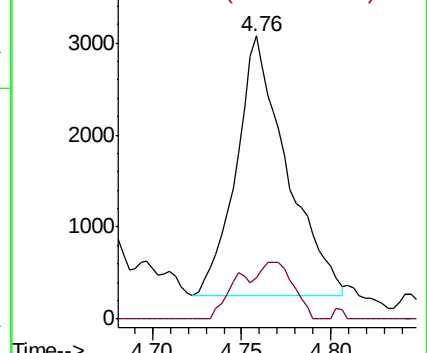
43 100

72 15.5 13.4 40.1



Abundance Ion 43.00 (42.70 to 43.70): VU036430.D (-969) (-)

Ion 72.00 (71.70 to 72.70): VU036430.D (-969) (-)



#25

Chloroform

Concen: 2.441 ug/L

RT: 5.13 min Scan# 1179

Delta R.T. -0.00 min

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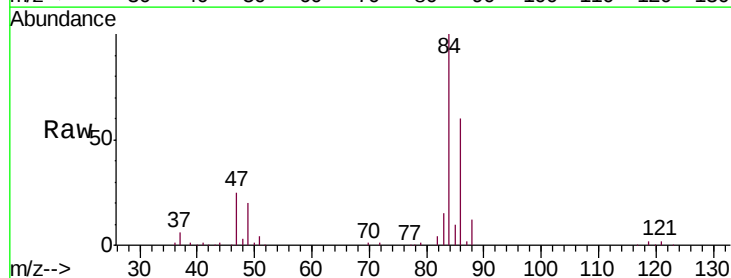
Acq: 10 Jan 2020 15:50

Tgt Ion: 83 Resp: 14979

Ion Ratio Lower Upper

83 100

85 64.1 43.9 81.5



Abundance Ion 83.00 (82.70 to 83.70): VU036430.D (-1086) (-)

Ion 85.00 (84.70 to 85.70): VU036430.D (-1086) (-)

