

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030220\
 Data File : VU037005.D
 Acq On : 02 Mar 2020 17:36
 Operator : JC/MD
 Sample : L1746-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AY1

Quant Time: Mar 03 04:36:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 03 03:21:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	266076	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	257114	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	95638	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	83983	37.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.18%
7) Chloroethane-d5	1.93	69	81237	43.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.88%
11) 1,1-Dichloroethene-d2	2.59	63	116016	31.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.02%
21) 2-Butanone-d5	4.67	46	165846	110.65	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.65%
24) Chloroform-d	5.11	84	167800	49.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.36%
26) 1,2-Dichloroethane-d4	5.74	65	116503	50.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.90%
32) Benzene-d6	5.76	84	359227	48.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.62%
36) 1,2-Dichloropropane-d6	6.72	67	119547	49.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.26%
41) Toluene-d8	7.93	98	323524	46.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.80%
43) trans-1,3-Dichloropropene-	8.20	79	51316	45.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.68%
47) 2-Hexanone-d5	8.66	63	119768	101.69	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.69%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	172809	50.88	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.76%
64) 1,2-Dichlorobenzene-d4	12.21	152	100916	53.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.96%

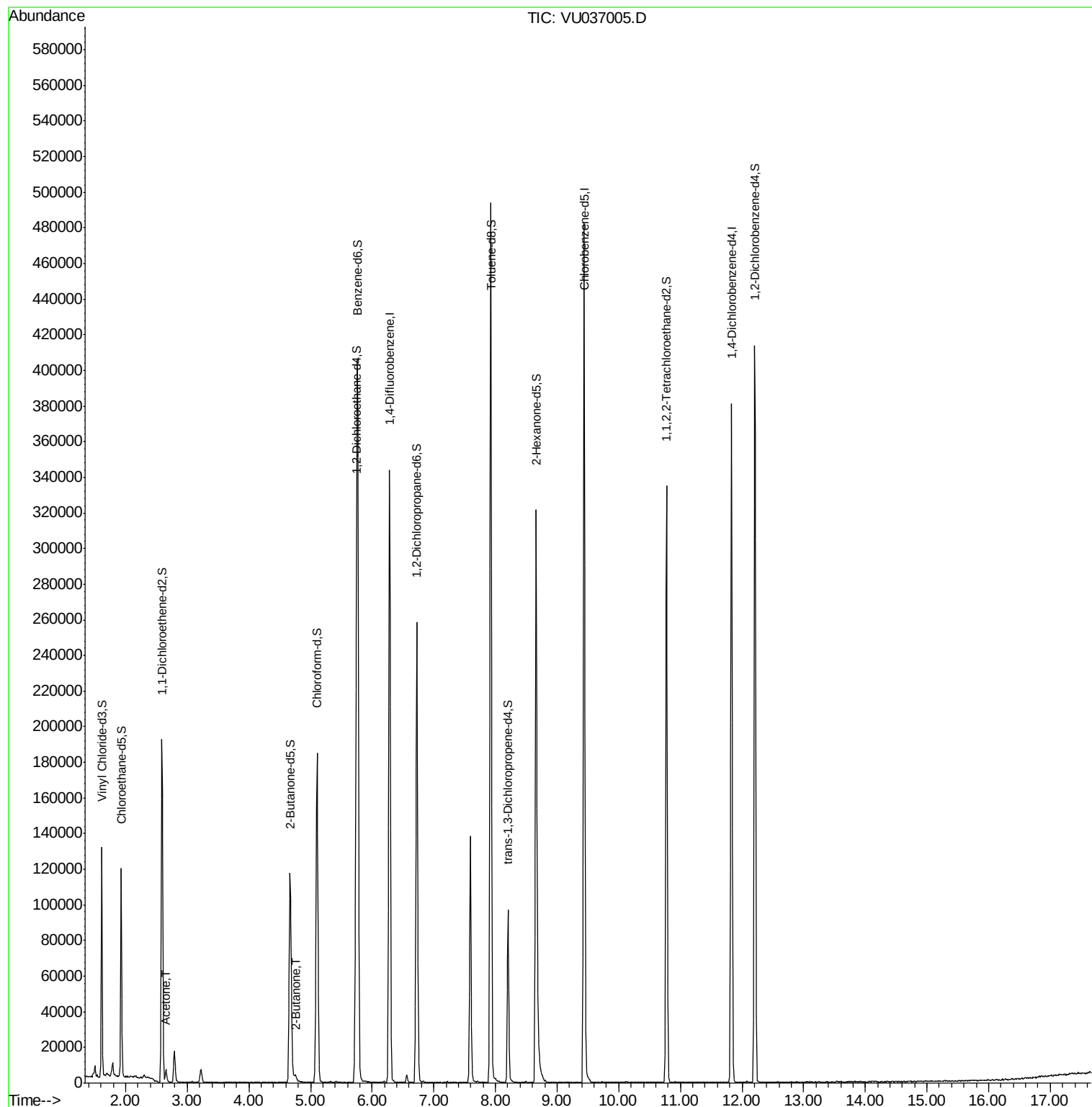
Target Compounds					Ovalue
13) Acetone	2.66	43	7216	4.681 ug/L	93
22) 2-Butanone	4.76	43	5063	2.723 ug/L	95

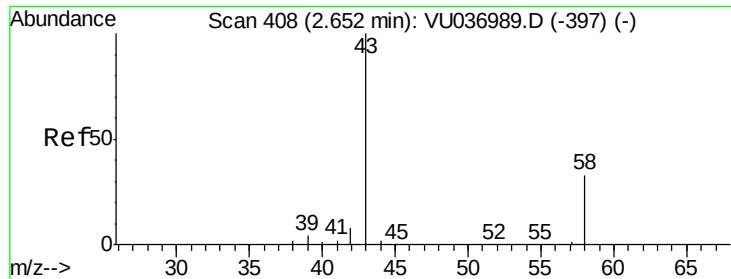
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.681 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

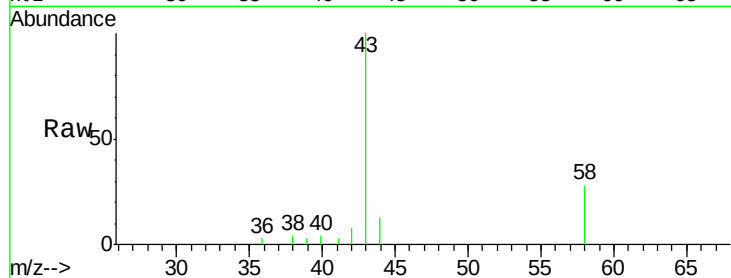
C0AY1

Tot Ion: 43 Resp: 7216

Ion Ratio Lower Upper

43 100

58 28.2 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU036989.D (-397) (-)

Ion 58.00 (57.70 to 58.70): VU036989.D (-397) (-)

2.66

4000

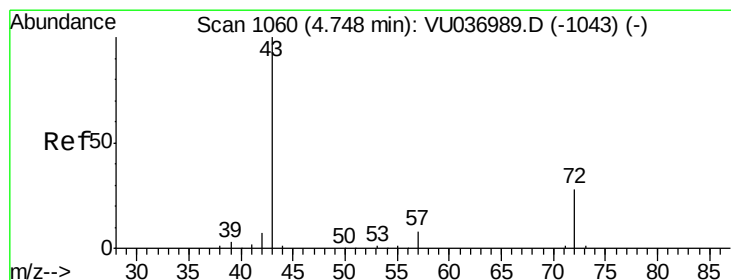
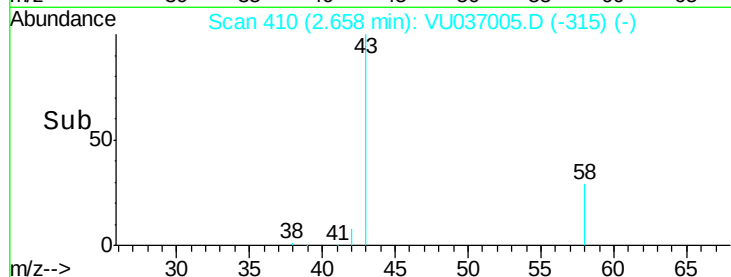
3000

2000

1000

0

Time-->



#22

2-Butanone

Concen: 2.723 ug/L

RT: 4.76 min Scan# 1063

Delta R.T. 0.01 min

Lab File: VU037005.D

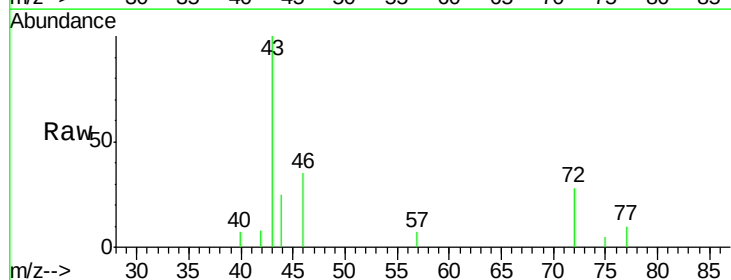
Acq: 02 Mar 2020 17:36

Tgt Ion: 43 Resp: 5063

Ion Ratio Lower Upper

43 100

72 24.9 13.9 41.6



Abundance Ion 43.00 (42.70 to 43.70): VU036989.D (-1043) (-)

Ion 72.00 (71.70 to 72.70): VU036989.D (-1043) (-)

4.76

2500

2000

1500

1000

500

0

Time-->

