

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030420\
 Data File : VU037044.D
 Acq On : 04 Mar 2020 17:25
 Operator : JC/MD
 Sample : L1784-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AZ0

Manual Integrations
 APPROVED

sam
 3/5/2020 3:34:21 PM

Quant Time: Mar 05 01:40:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 05 00:57:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	235546	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	224002	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	82286	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	87845	44.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.82%
7) Chloroethane-d5	1.93	69	83369	50.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.88%
11) 1,1-Dichloroethene-d2	2.59	63	113473	34.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.52%
21) 2-Butanone-d5	4.67	46	137536	103.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.66%
24) Chloroform-d	5.11	84	153028	50.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.32%
26) 1,2-Dichloroethane-d4	5.74	65	103811	50.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.56%
32) Benzene-d6	5.76	84	326908	50.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.94%
36) 1,2-Dichloropropane-d6	6.72	67	107728	51.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.66%
41) Toluene-d8	7.93	98	285842	47.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.12%
43) trans-1,3-Dichloropropene-	8.20	79	43032	44.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.24%
47) 2-Hexanone-d5	8.66	63	92811	90.45	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.45%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	147097	49.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.42%
64) 1,2-Dichlorobenzene-d4	12.21	152	85403	53.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.18%

Target Compounds					Ovalue
13) Acetone	2.66	43	6417	4.702 ug/L	97
22) 2-Butanone	4.75	43	4226m	2.568 ug/L	

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

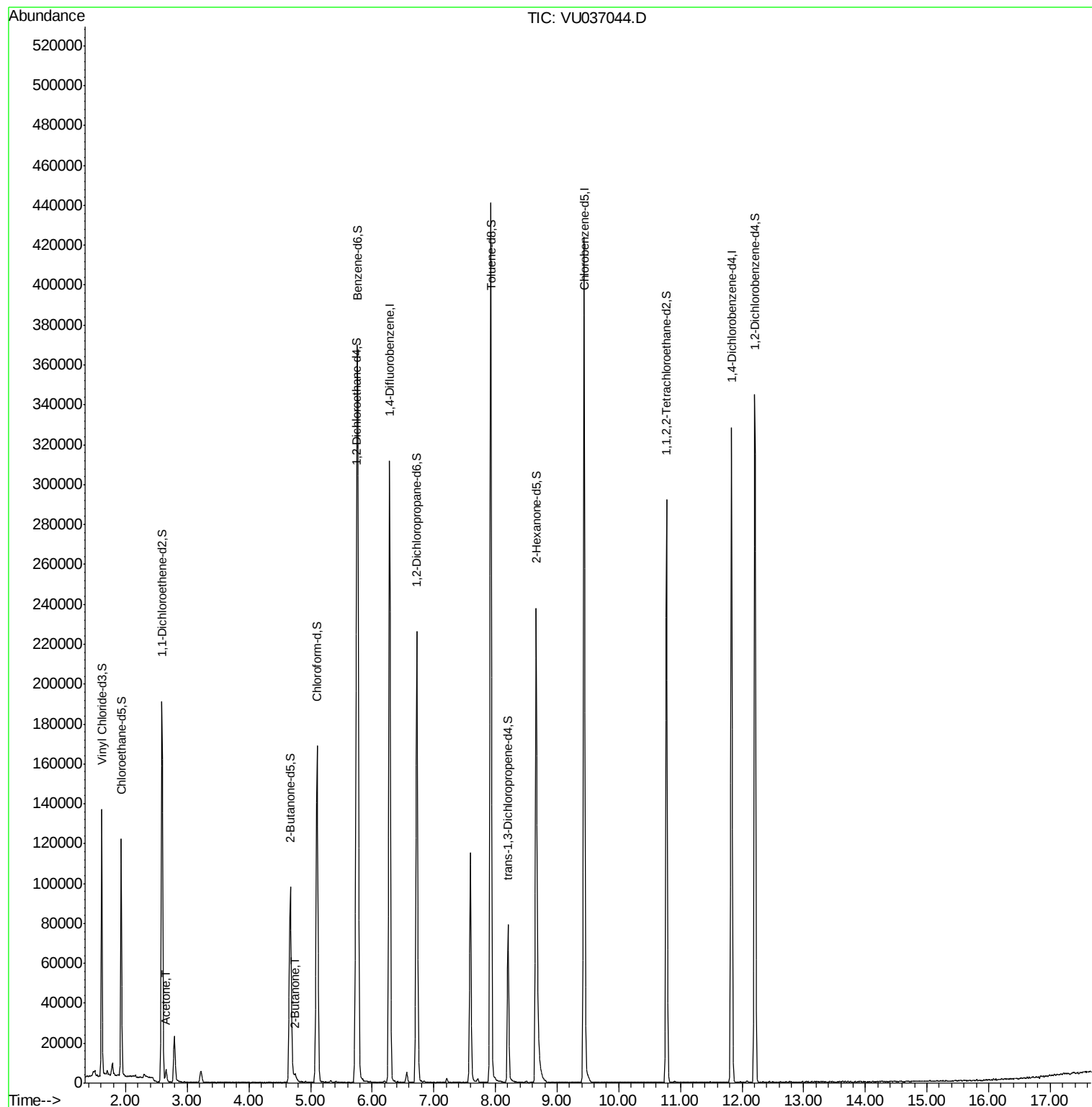
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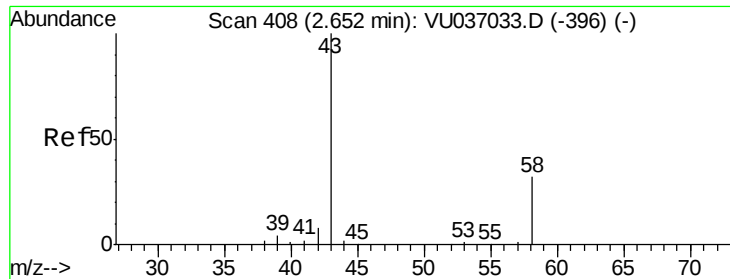
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#13

Acetone

Concen: 4.702 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.01 min

Lab File: VU037044.D

Acq: 04 Mar 2020 17:25

Instrument :

MSVOA_U

ClientSampleId :

C0AZ0

Tot Ion: 43 Resp: 6417

Ion Ratio Lower Upper

43 100

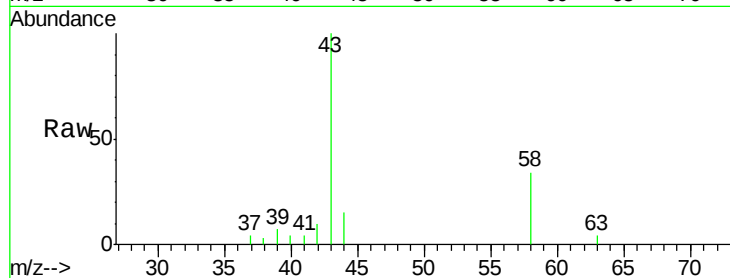
58 33.8 0.0 64.6

Manual Integrations

APPROVED

sam

3/5/2020 3:34:21 PM



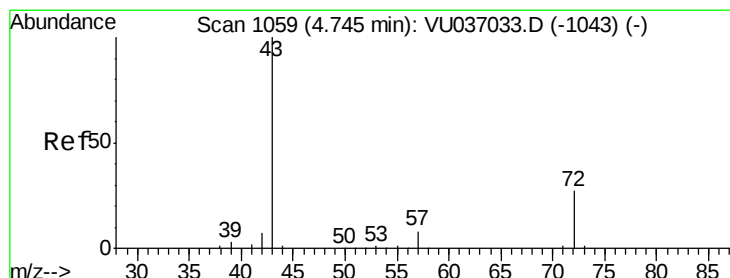
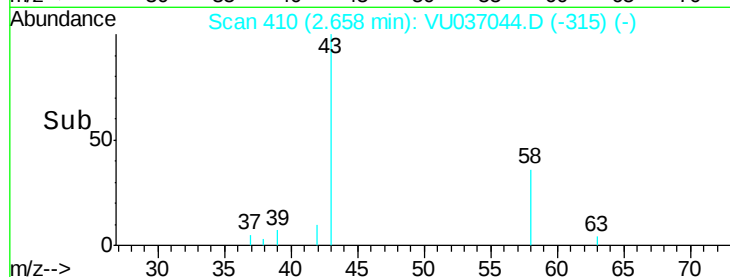
Abundance Ion 43.00 (42.70 to 43.70): VU037044.D (-315) (-)

Ion 58.00 (57.70 to 58.70): VU037044.D (-315) (-)

2.66

2.60 2.65 2.70

Time-->



#22

2-Butanone

Concen: 2.568 ug/L m

RT: 4.75 min Scan# 1062

Delta R.T. 0.01 min

Lab File: VU037044.D

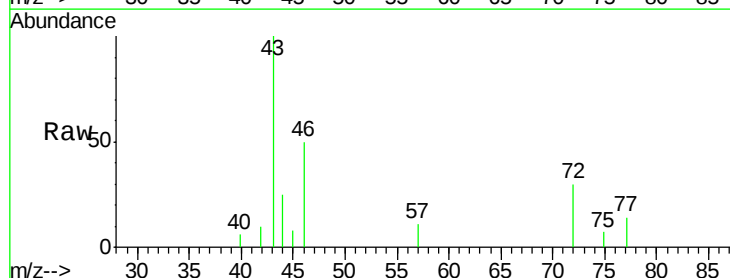
Acq: 04 Mar 2020 17:25

Tgt Ion: 43 Resp: 4226

Ion Ratio Lower Upper

43 100

72 6.9 13.9 41.6#



Abundance Ion 43.00 (42.70 to 43.70): VU037044.D (-966) (-)

Ion 72.00 (71.70 to 72.70): VU037044.D (-966) (-)

4.75

4.70 4.75 4.80

Time-->

