

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051419\
 Data File : VU032000.D
 Acq On : 14 May 2019 17:26
 Operator : JC/SP
 Sample : K2788-20
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A51A2

Quant Time: May 15 05:05:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 15 04:26:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1068696	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1049182	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	414931	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	406544	43.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.70%
7) Chloroethane-d5	1.68	69	344382	45.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.72%
11) 1,1-Dichloroethene-d2	2.27	63	571948	34.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.06%
21) 2-Butanone-d5	4.17	46	590234	89.88	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.88%
24) Chloroform-d	4.64	84	700325	44.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.22%
26) 1,2-Dichloroethane-d4	5.30	65	458178	46.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.68%
32) Benzene-d6	5.33	84	1493899	49.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.36%
36) 1,2-Dichloropropane-d6	6.32	67	495141	49.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.82%
41) Toluene-d8	7.56	98	1284462	47.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.40%
43) trans-1,3-Dichloropropene-	7.85	79	201333	45.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.08%
47) 2-Hexanone-d5	8.31	63	374995	92.27	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.27%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	659621	44.47	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.94%
64) 1,2-Dichlorobenzene-d4	11.85	152	439606	50.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.70%

Target Compounds

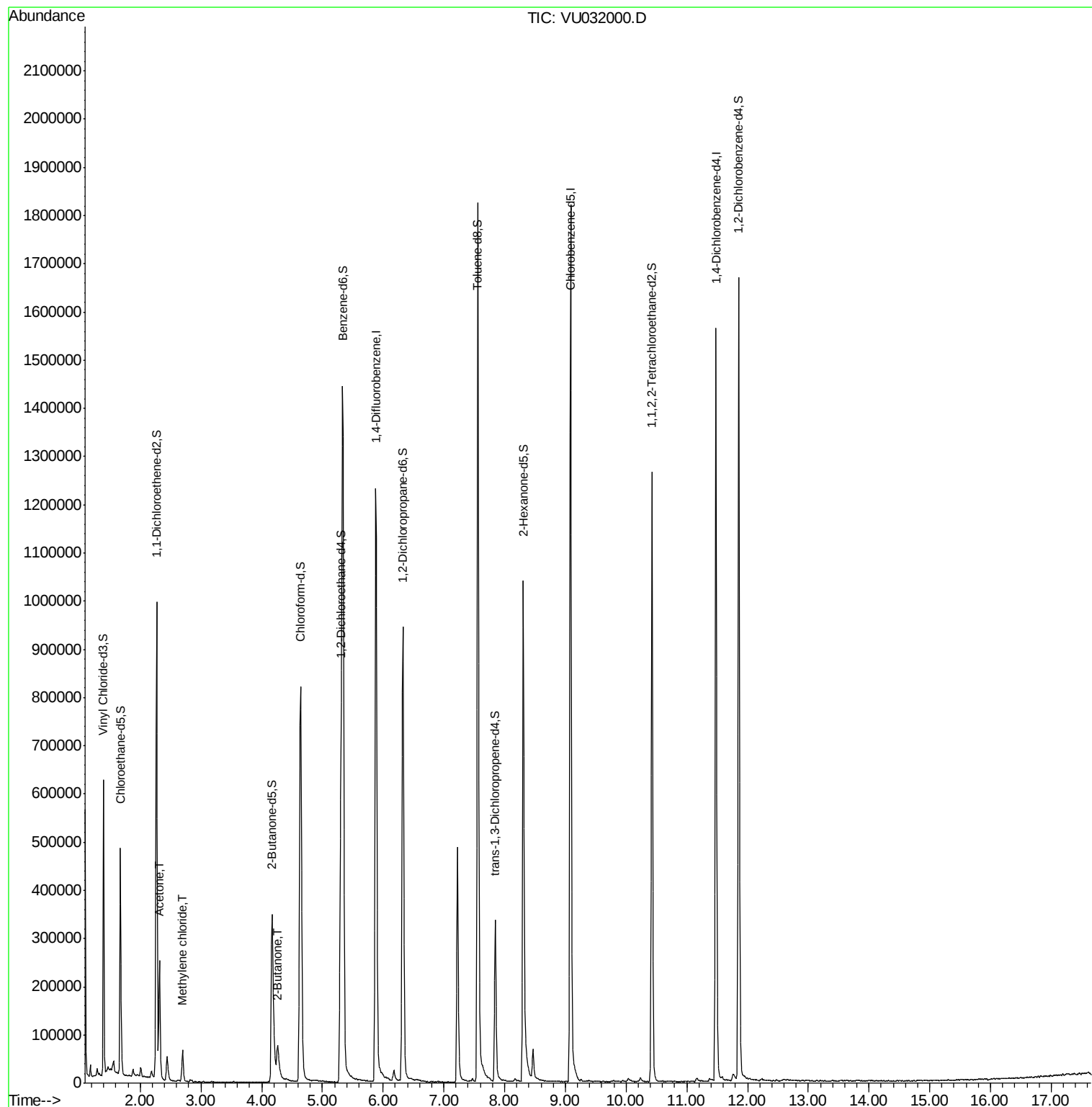
					Ovalue
13) Acetone	2.32	43	244505	36.217 ug/L	98
16) Methylene chloride	2.70	84	28417	2.952 ug/L	95
22) 2-Butanone	4.27	43	116610	14.975 ug/L #	72

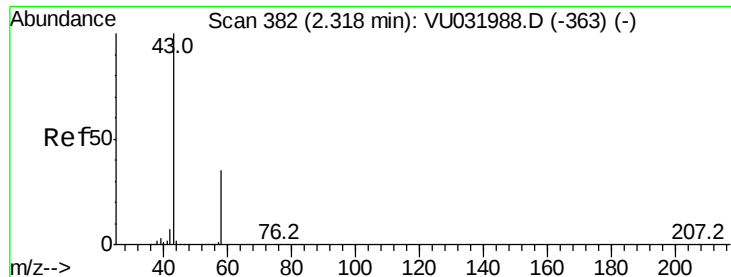
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 36.217 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU032000.D

Acq: 14 May 2019 17:26

Instrument :

MSVOA_U

ClientSampleId :

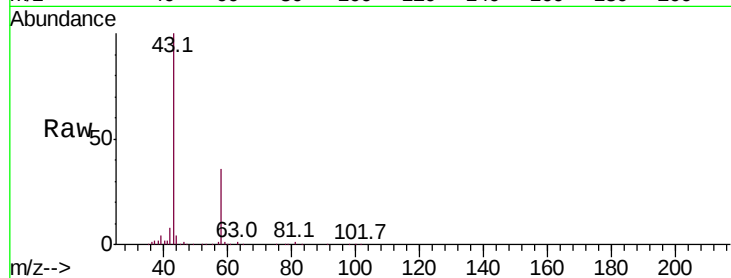
A51A2

Tot Ion: 43 Resp: 244505

Ion Ratio Lower Upper

43 100

58 35.3 0.0 68.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

150000

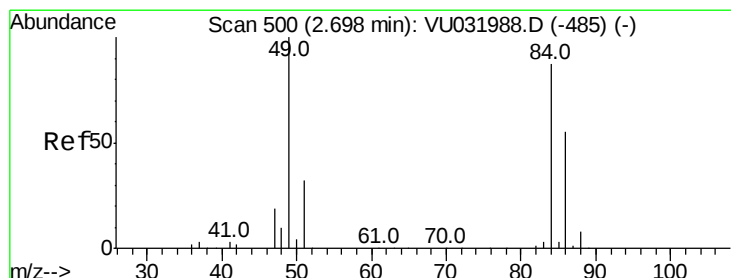
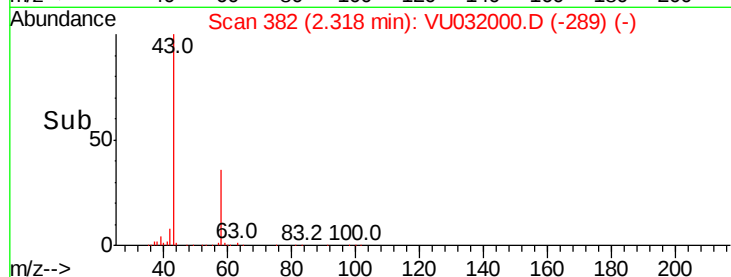
100000

50000

0

Time-->

2.25 2.30 2.35 2.40



#16

Methylene chloride

Concen: 2.952 ug/L

RT: 2.70 min Scan# 500

Delta R.T. -0.00 min

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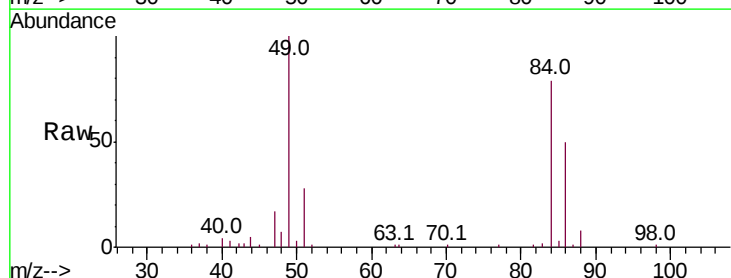
Tgt Ion: 84 Resp: 28417

Ion Ratio Lower Upper

84 100

86 63.9 45.8 85.0

49 127.0 83.3 154.7



Abundance Ion 84.00 (83.70 to 84.70): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.00 (48.70 to 49.70): VU0

25000

20000

15000

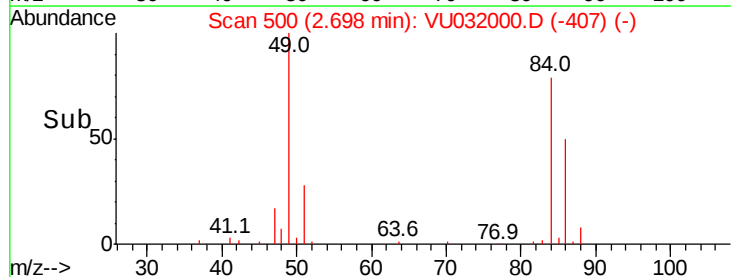
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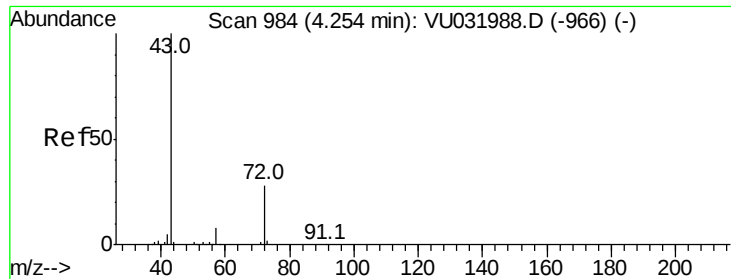
5000

0

Time-->

2.65 2.70 2.75





#22
 2-Butanone
 Concen: 14.975 ug/L
 RT: 4.27 min Scan# 988
 Delta R.T. 0.01 min
 Lab File: VU032000.D
 Acq: 14 May 2019 17:26

Instrument :
 MSVOA_U
 ClientSampleId :
 A51A2

Tot Ion: 43 Resp: 116610
 Ion Ratio Lower Upper
 43 100
 72 12.9 13.9 41.7#

