

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031100.D
 Acq On : 12 Apr 2019 03:40
 Operator : JC/SP
 Sample : K2339-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 92 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFC65

Manual Integrations
 APPROVED

MMDadoda
 4/12/2019 5:46:41 PM

Quant Time: Apr 12 08:07:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 07:24:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	508055	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	500702	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	213861	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	159878	35.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.50%
7) Chloroethane-d5	1.68	69	141194	41.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.04%
11) 1,1-Dichloroethene-d2	2.27	63	233577	28.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.94%#
21) 2-Butanone-d5	4.17	46	328517	91.40	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.40%
24) Chloroform-d	4.64	84	306947	44.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.62%
26) 1,2-Dichloroethane-d4	5.30	65	215510	45.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.18%
32) Benzene-d6	5.33	84	605214	41.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.82%
36) 1,2-Dichloropropane-d6	6.32	67	208248	41.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.14%
41) Toluene-d8	7.56	98	514075	39.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.36%#
43) trans-1,3-Dichloropropene-	7.85	79	87302	38.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.44%
47) 2-Hexanone-d5	8.31	63	175077	76.47	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.47%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	304000	44.99	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.98%
64) 1,2-Dichlorobenzene-d4	11.86	152	200112	47.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.16%

Target Compounds					Ovalue
13) Acetone	2.32	43	16040	4.361 ug/L	92
22) 2-Butanone	4.28	43	10562m	2.449 ug/L	

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

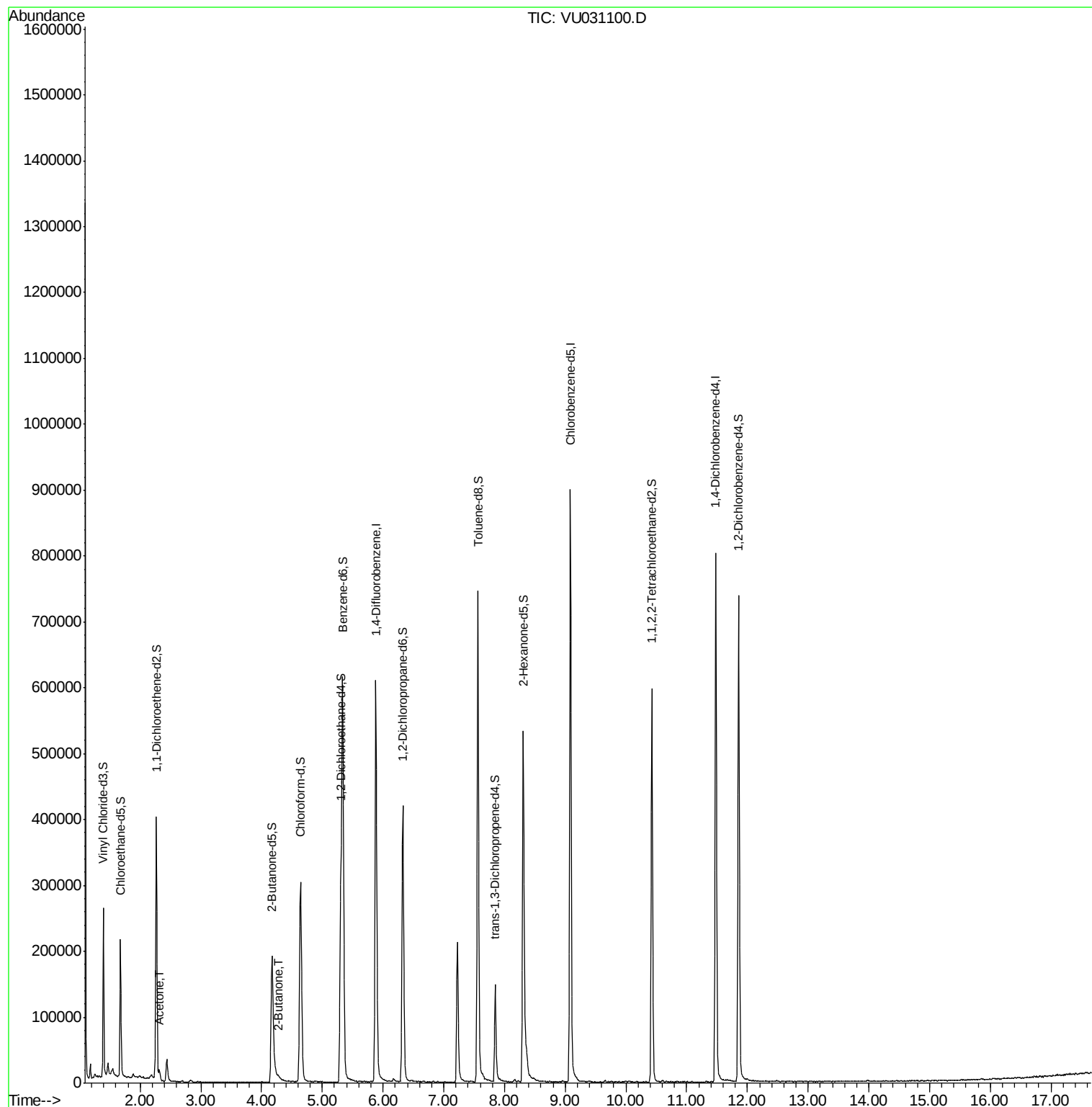
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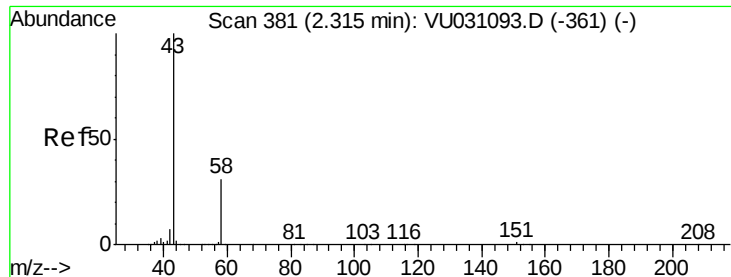
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#13

Acetone

Concen: 4.361 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VU031100.D

Acq: 12 Apr 2019 03:40

Instrument :

MSVOA_U

ClientSampled :

BFC65

Tot Ion: 43 Resp: 16040

Ion Ratio Lower Upper

43 100

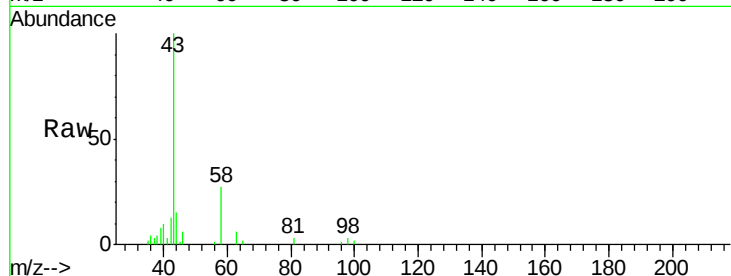
58 27.6 0.0 64.0

Manual Integrations

APPROVED

MMDadoda

4/12/2019 5:46:41 PM



Abundance Ion 43.00 (42.70 to 43.70): VU031100.D (-288) (-)

Ion 58.00 (57.70 to 58.70): VU031100.D (-288) (-)

2.32

10000

8000

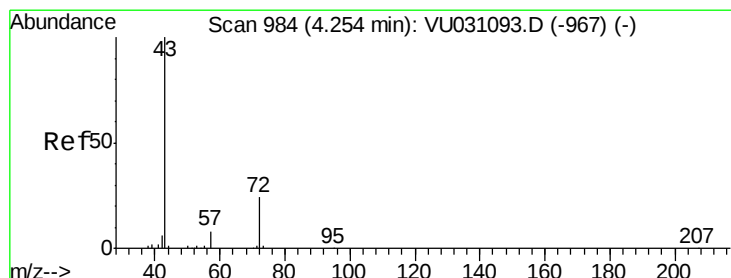
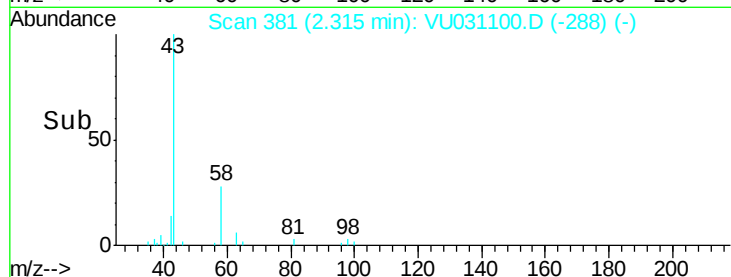
6000

4000

2000

0

Time-->



#22

2-Butanone

Concen: 2.449 ug/L m

RT: 4.28 min Scan# 992

Delta R.T. 0.03 min

Lab File: VU031100.D

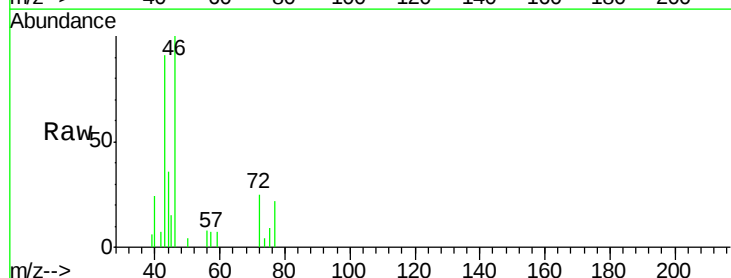
Acq: 12 Apr 2019 03:40

Tgt Ion: 43 Resp: 10562

Ion Ratio Lower Upper

43 100

72 5.7 10.8 32.4#



Abundance Ion 43.00 (42.70 to 43.70): VU031100.D (-891) (-)

Ion 72.00 (71.70 to 72.70): VU031100.D (-891) (-)

4.28

3000

2000

1000

0

Time-->

