

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071819\
 Data File : VU033319.D
 Acq On : 18 Jul 2019 15:15
 Operator : JC/SP
 Sample : K3846-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A52S3

Quant Time: Jul 23 09:42:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 19 01:43:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	373694	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	367107	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	187162	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	108461	38.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.68%
7) Chloroethane-d5	1.67	69	99513	41.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.36%
11) 1,1-Dichloroethene-d2	2.26	63	150608	29.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.70%#
21) 2-Butanone-d5	4.15	46	179985	100.41	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.41%
24) Chloroform-d	4.62	84	203581	42.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.88%
26) 1,2-Dichloroethane-d4	5.29	65	133711	43.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.96%
32) Benzene-d6	5.32	84	416092	46.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	6.31	67	136559	47.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.68%
41) Toluene-d8	7.55	98	379047	44.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.26%
43) trans-1,3-Dichloropropene-	7.83	79	63963	45.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.44%
47) 2-Hexanone-d5	8.29	63	128478	98.79	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.79%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	200354	45.89	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.78%
64) 1,2-Dichlorobenzene-d4	11.85	152	159887	47.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.80%

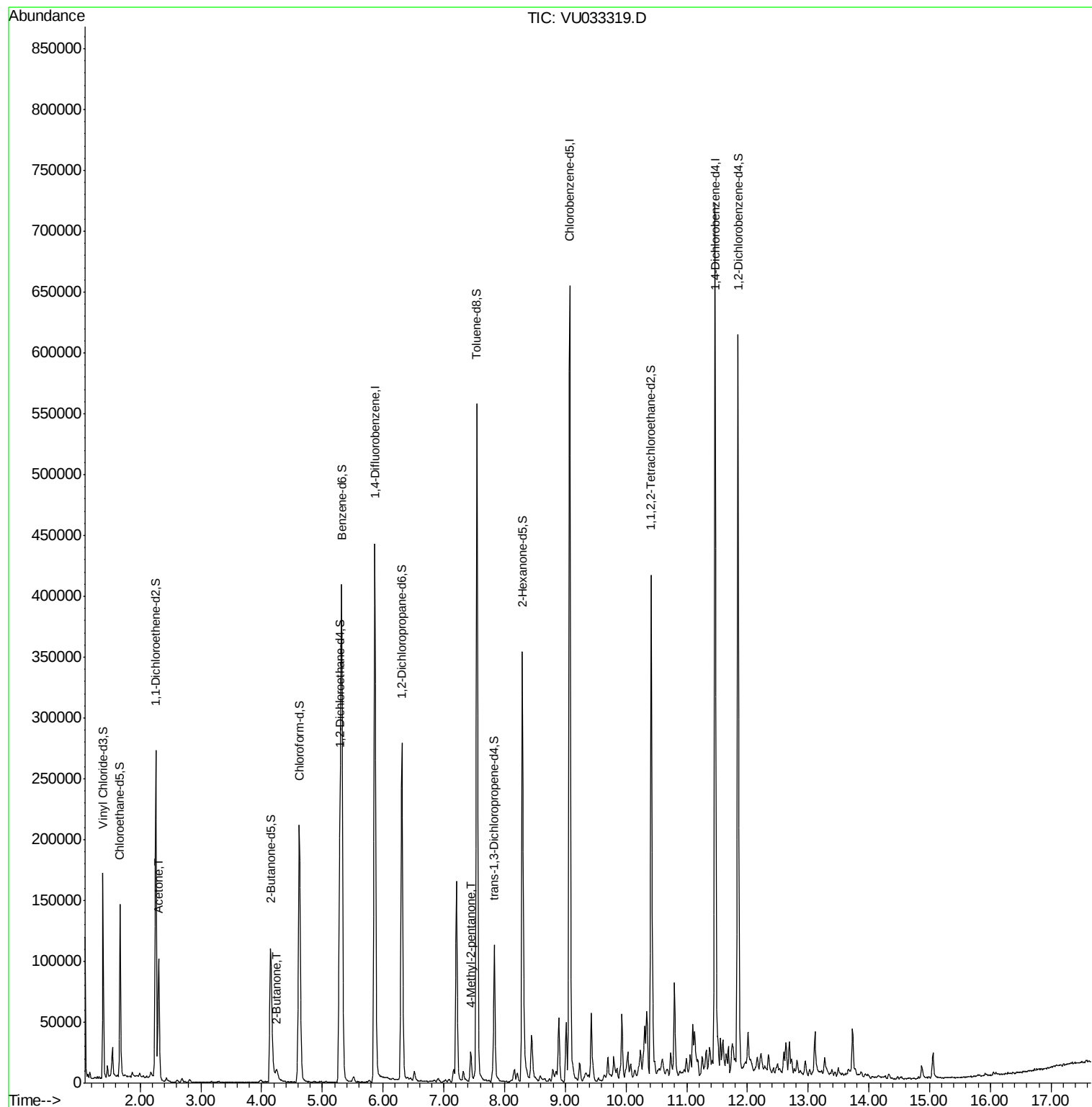
Target Compounds					Ovalue
13) Acetone	2.31	43	100689	44.960 ug/L	98
22) 2-Butanone	4.25	43	14705	5.911 ug/L	97
40) 4-Methyl-2-pentanone	7.44	43	17408	4.469 ug/L	98

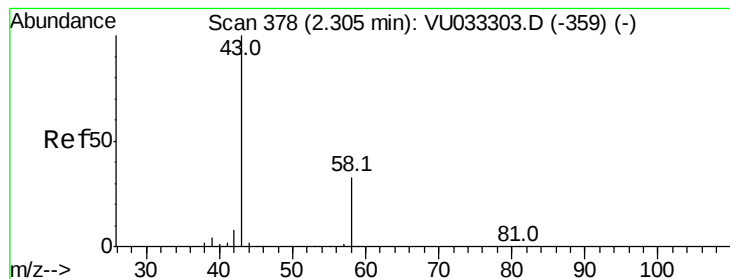
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 44.960 ug/L

RT: 2.31 min Scan# 378

Delta R.T. 0.00 min

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Instrument :

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ClientSampleId :

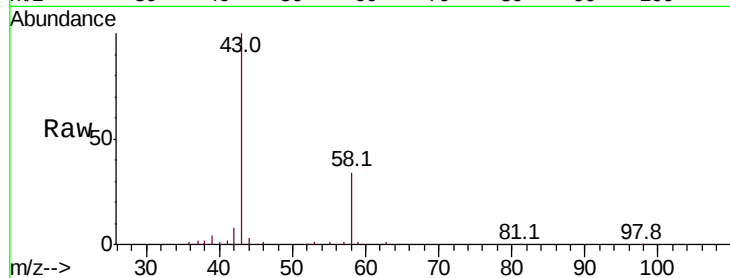
A52S3

Tot Ion: 43 Resp: 100689

Ion Ratio Lower Upper

43 100

58 33.8 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VU033319.D (-359) (-)

Ion 58.00 (57.70 to 58.70): VU033319.D (-359) (-)

2.31

60000

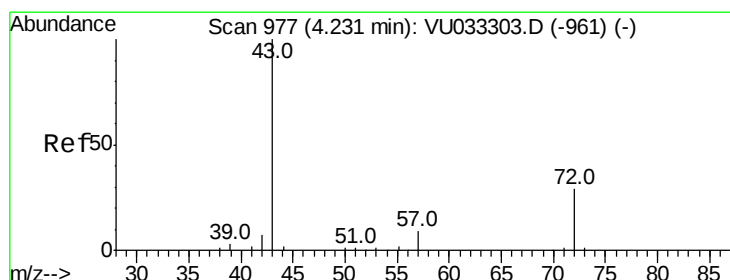
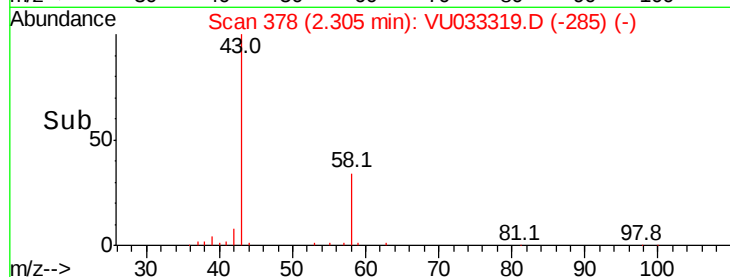
40000

20000

0

Time-->

2.20 2.25 2.30 2.35 2.40



#22

2-Butanone

Concen: 5.911 ug/L

RT: 4.25 min Scan# 982

Delta R.T. 0.02 min

Lab File: VU033319.D

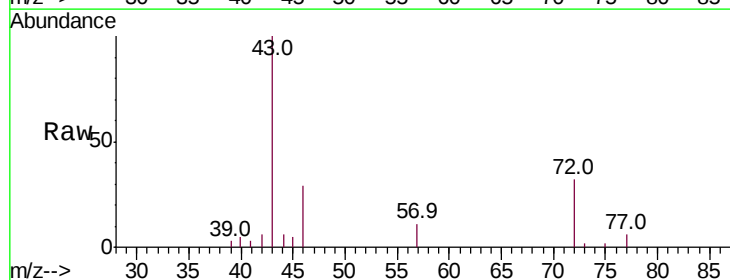
Acq: 18 Jul 2019 15:15

Tgt Ion: 43 Resp: 14705

Ion Ratio Lower Upper

43 100

72 30.3 14.4 43.2



Abundance Ion 43.00 (42.70 to 43.70): VU033319.D (-961) (-)

Ion 72.00 (71.70 to 72.70): VU033319.D (-961) (-)

4.25

6000

5000

4000

3000

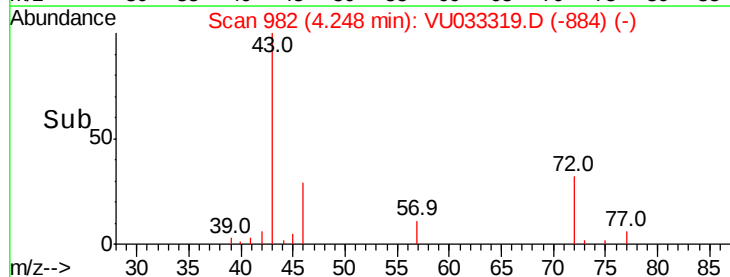
2000

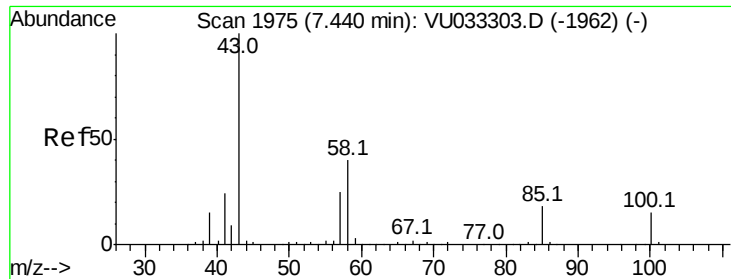
1000

0

Time-->

4.15 4.20 4.25 4.30





#40

4-Methyl-2-pentanone

Concen: 4.469 ug/L

RT: 7.44 min Scan# 1976

Delta R.T. 0.00 min

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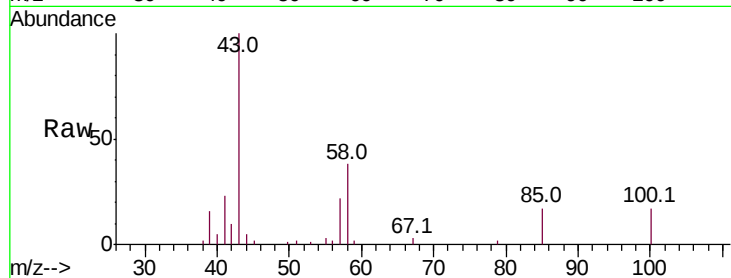
Tot Ion: 43 Resp: 17408

Ion Ratio Lower Upper

43 100

58 40.3 33.3 49.9

100 16.5 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 100.00 (99.70 to 100.70): VU0

