

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071819\
 Data File : VU033311.D
 Acq On : 18 Jul 2019 12:06
 Operator : JC/SP
 Sample : K3846-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A52S3

Quant Time: Jul 19 03:42:53 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	340035	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	320788	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	152728	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	153941	59.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	119.60%
7) Chloroethane-d5	1.67	69	130318	59.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	118.52%
11) 1,1-Dichloroethene-d2	2.26	63	195968	41.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.94%
21) 2-Butanone-d5	4.15	46	191477	117.40	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.40%
24) Chloroform-d	4.62	84	237790	55.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.24%
26) 1,2-Dichloroethane-d4	5.29	65	155212	56.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.20%
32) Benzene-d6	5.32	84	494093	62.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	125.58%#
36) 1,2-Dichloropropane-d6	6.31	67	156269	61.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	123.98%#
41) Toluene-d8	7.55	98	450554	60.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	121.42%#
43) trans-1,3-Dichloropropene-	7.83	79	75415	61.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	122.02%
47) 2-Hexanone-d5	8.29	63	142681	125.55	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	125.55%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	217121	56.91	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	113.82%
64) 1,2-Dichlorobenzene-d4	11.85	152	171970	63.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	126.28%#

Target Compounds

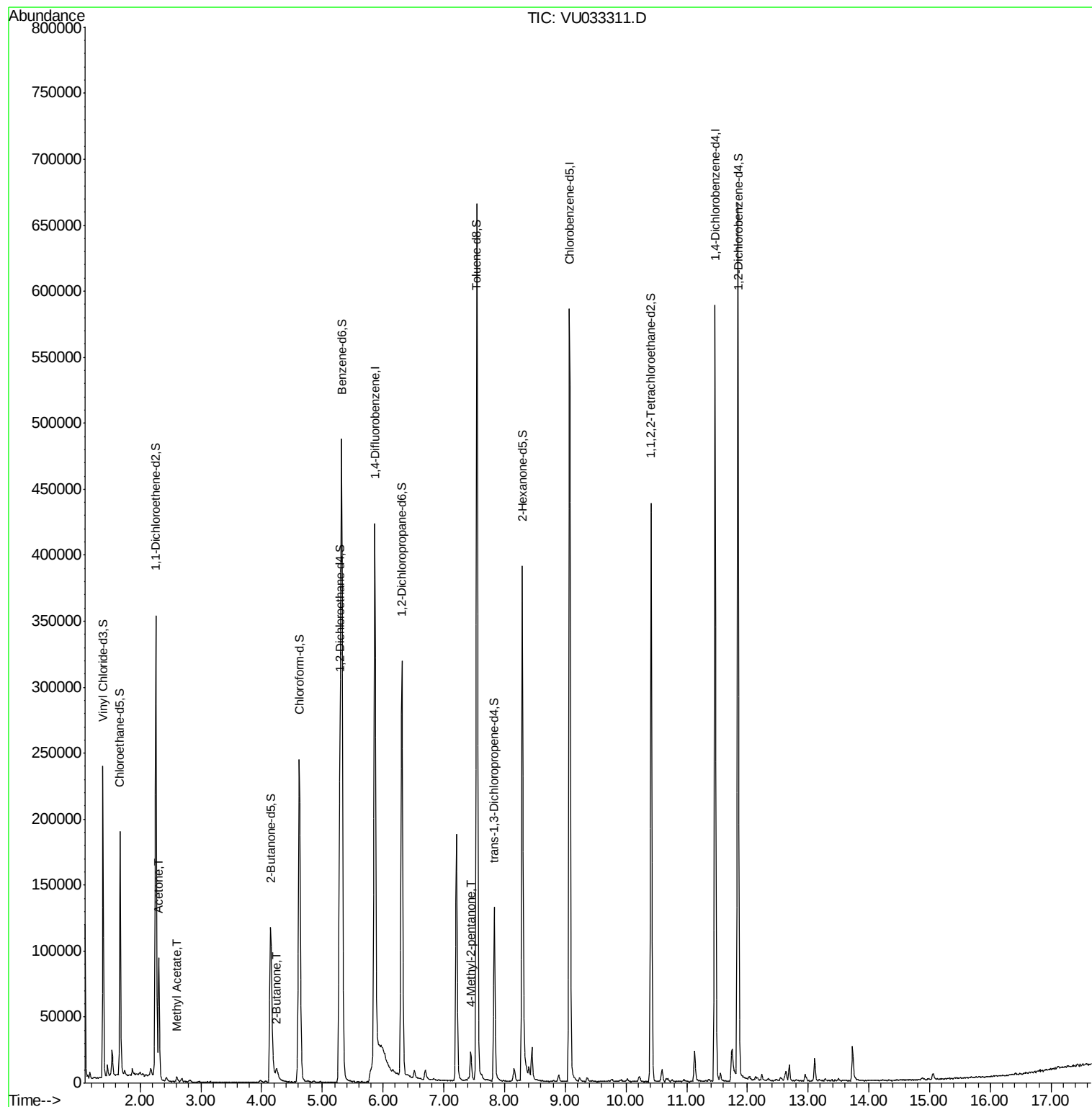
					Ovalue
13) Acetone	2.31	43	92606	45.444	ug/L 100
15) Methyl Acetate	2.60	43	4725	1.776	ug/L 96
22) 2-Butanone	4.25	43	13704	6.054	ug/L 100
40) 4-Methyl-2-pentanone	7.44	43	15077	4.430	ug/L 97

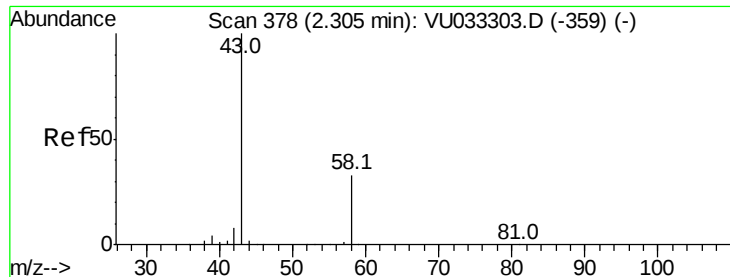
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 45.444 ug/L

RT: 2.31 min Scan# 378

Delta R.T. -0.00 min

Lab File: VU033311.D

Acq: 18 Jul 2019 12:06

Instrument :

MSVOA_U

ClientSampleId :

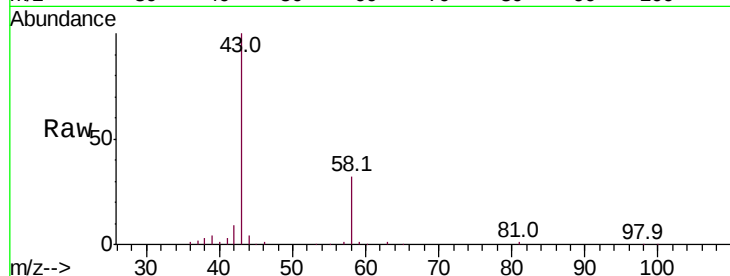
A52S3

Tot Ion: 43 Resp: 92606

Ion Ratio Lower Upper

43 100

58 32.9 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VU033311.D (-378) (-)

Ion 58.00 (57.70 to 58.70): VU033311.D (-378) (-)

2.31

60000

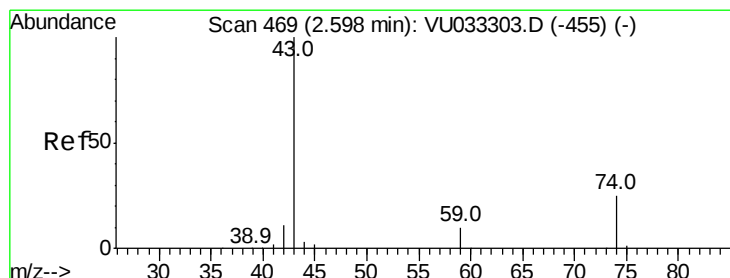
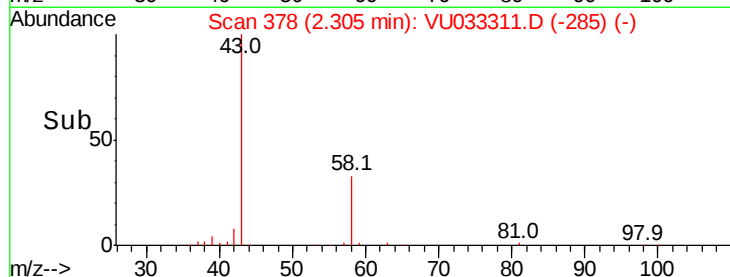
40000

20000

0

Time-->

2.25 2.30 2.35 2.40



#15

Methyl Acetate

Concen: 1.776 ug/L

RT: 2.60 min Scan# 471

Delta R.T. 0.01 min

Lab File: VU033311.D

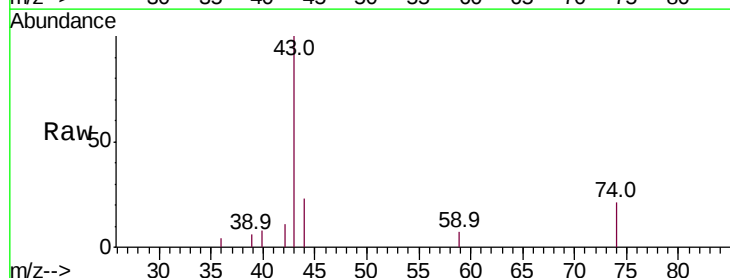
Acq: 18 Jul 2019 12:06

Tgt Ion: 43 Resp: 4725

Ion Ratio Lower Upper

43 100

74 26.7 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VU033311.D (-376) (-)

Ion 74.00 (73.70 to 74.70): VU033311.D (-376) (-)

2.60

3000

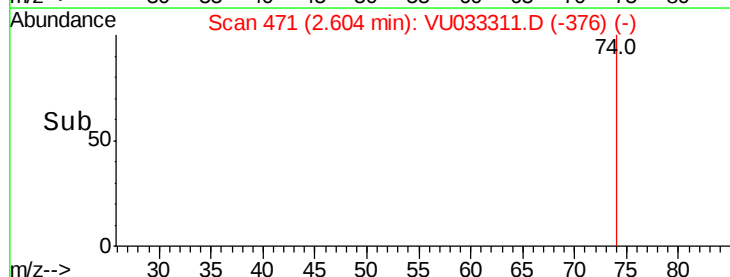
2000

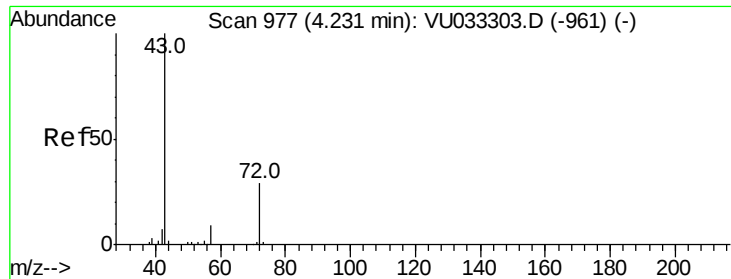
1000

0

Time-->

2.55 2.60 2.65





#22

2-Butanone

Concen: 6.054 ug/L

RT: 4.25 min Scan# 982

Delta R.T. 0.02 min

Lab File: VU033311.D

Acq: 18 Jul 2019 12:06

Instrument :

MSVOA_U

ClientSampled :

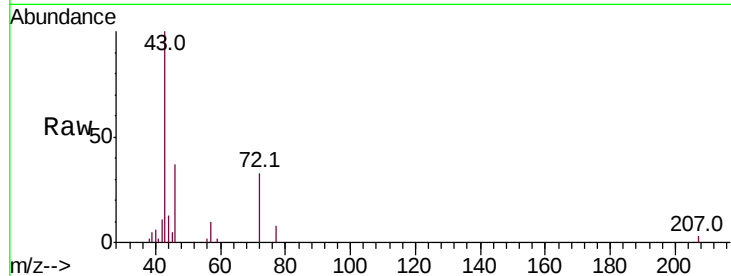
A52S3

Tot Ion: 43 Resp: 13704

Ion Ratio Lower Upper

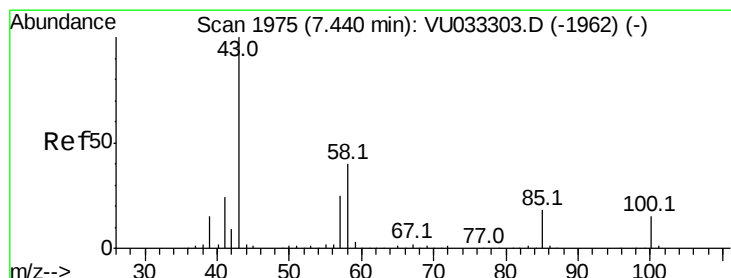
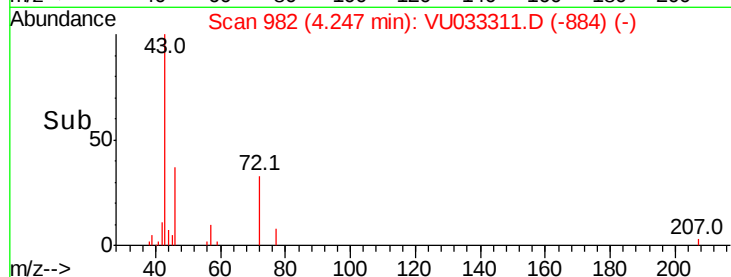
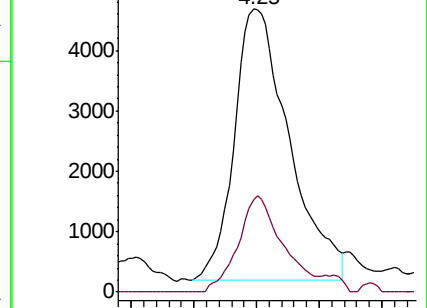
43 100

72 28.9 14.4 43.2



Abundance Ion 43.00 (42.70 to 43.70): VU033311.D (-982) (-)

Ion 72.00 (71.70 to 72.70): VU033311.D (-982) (-)



#40

4-Methyl-2-pentanone

Concen: 4.430 ug/L

RT: 7.44 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VU033311.D

Acq: 18 Jul 2019 12:06

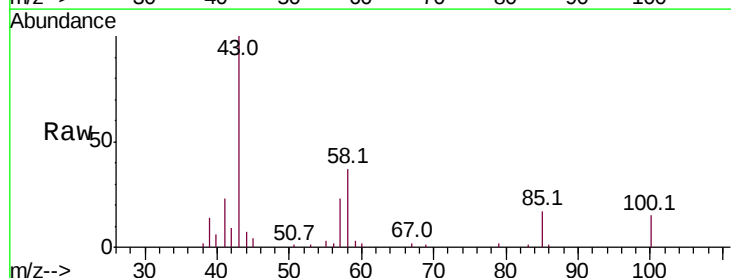
Tgt Ion: 43 Resp: 15077

Ion Ratio Lower Upper

43 100

58 39.1 33.3 49.9

100 14.5 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VU033311.D (-1882) (-)

Ion 58.00 (57.70 to 58.70): VU033311.D (-1882) (-)

Ion 100.00 (99.70 to 100.70): VU033311.D (-1882) (-)

