

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071919\
 Data File : VU033336.D
 Acq On : 19 Jul 2019 14:50
 Operator : JC/SP
 Sample : K3863-25
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A52W3

Quant Time: Jul 19 23:31:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 19 22:54:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	239545	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	239344	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	106595	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	90929	50.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.28%
7) Chloroethane-d5	1.67	69	86231	55.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	111.32%
11) 1,1-Dichloroethene-d2	2.26	63	123094	37.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.84%
21) 2-Butanone-d5	4.15	46	148565	129.30	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	129.30%
24) Chloroform-d	4.62	84	165604	54.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.98%
26) 1,2-Dichloroethane-d4	5.29	65	114818	58.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	117.82%
32) Benzene-d6	5.32	84	325695	55.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.94%
36) 1,2-Dichloropropane-d6	6.31	67	109367	58.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	116.30%
41) Toluene-d8	7.55	98	289531	52.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.58%
43) trans-1,3-Dichloropropene-	7.83	79	51624	55.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	111.94%
47) 2-Hexanone-d5	8.29	63	104327	123.04	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	123.04%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	163623	57.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	114.96%
64) 1,2-Dichlorobenzene-d4	11.85	152	108973	57.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.66%

Target Compounds

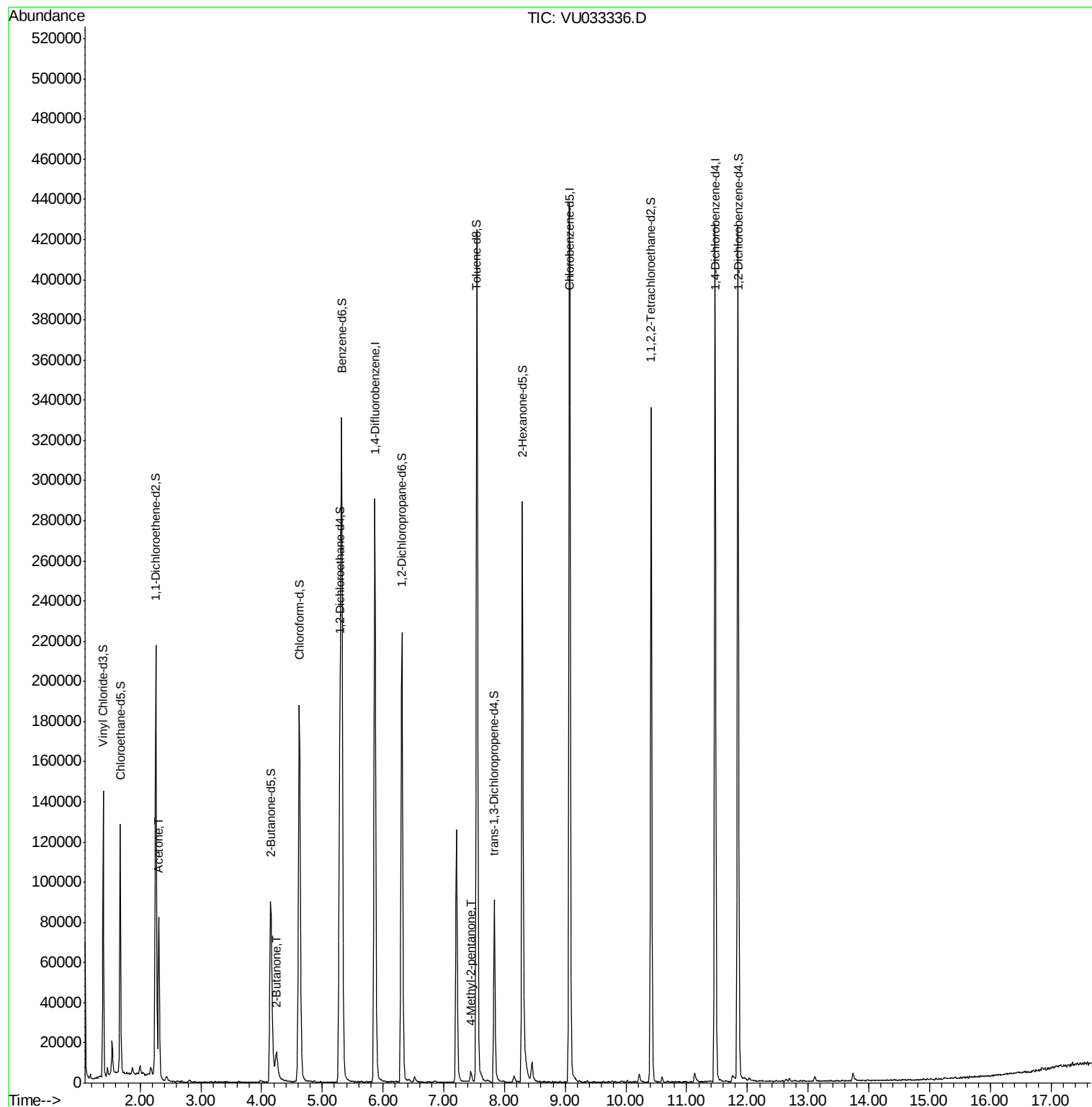
					Ovalue
13) Acetone	2.31	43	81041	56.452 ug/L	99
22) 2-Butanone	4.24	43	20849	13.073 ug/L	99
40) 4-Methyl-2-pentanone	7.45	43	4567	1.798 ug/L #	86

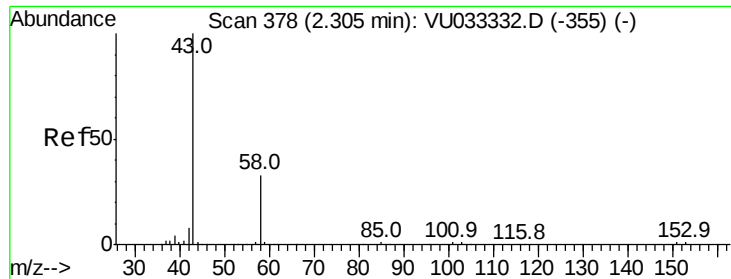
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 56.452 ug/L

RT: 2.31 min Scan# 378

Delta R.T. 0.00 min

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Acq: 19 Jul 2019 14:50

Instrument :

MSVOA_U

ClientSampled :

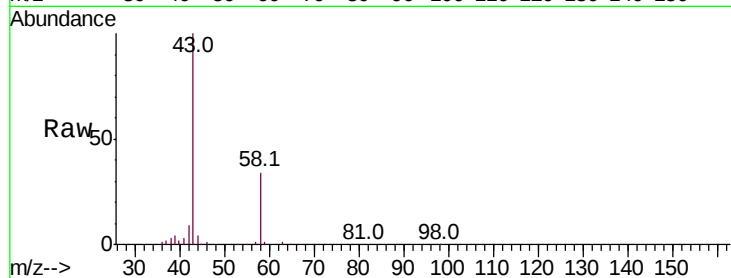
A52W3

Tot Ion: 43 Resp: 81041

Ion Ratio Lower Upper

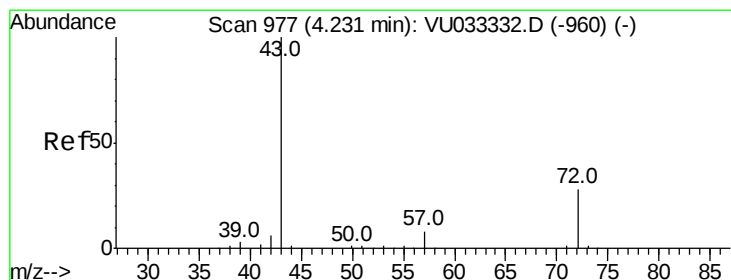
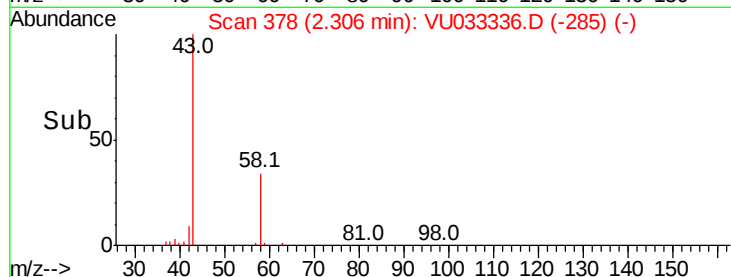
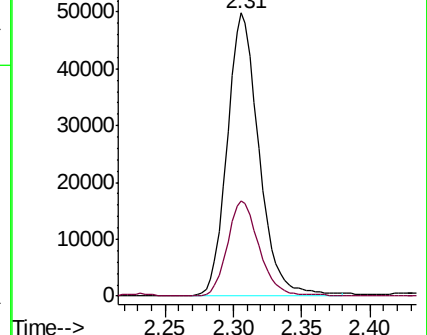
43 100

58 33.2 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VU033336.D (-355) (-)

Ion 58.00 (57.70 to 58.70): VU033336.D (-355) (-)



#22

2-Butanone

Concen: 13.073 ug/L

RT: 4.24 min Scan# 981

Delta R.T. 0.01 min

Lab File: VU033336.D

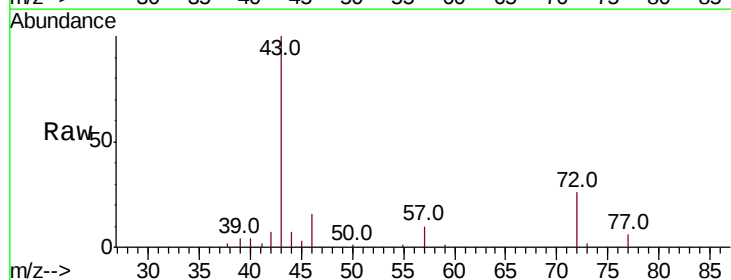
Acq: 19 Jul 2019 14:50

Tgt Ion: 43 Resp: 20849

Ion Ratio Lower Upper

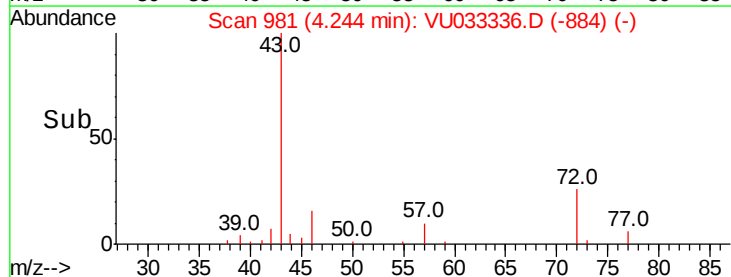
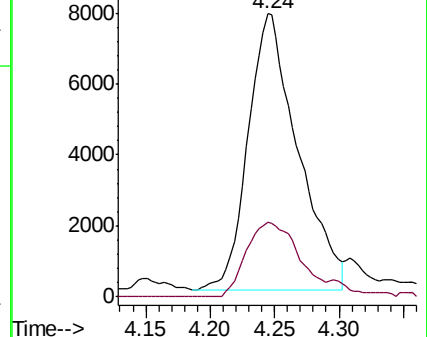
43 100

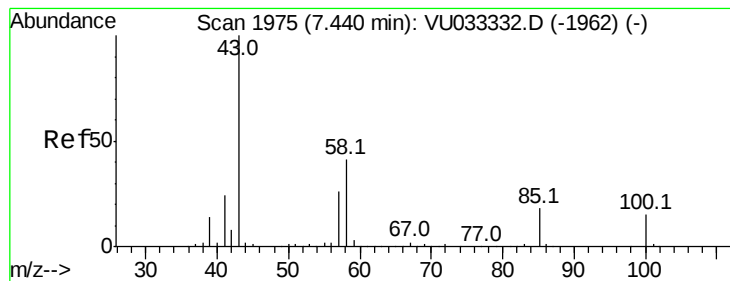
72 28.3 14.4 43.2



Abundance Ion 43.00 (42.70 to 43.70): VU033336.D (-884) (-)

Ion 72.00 (71.70 to 72.70): VU033336.D (-884) (-)





#40

4-Methyl-2-pentanone

Concen: 1.798 ug/L

RT: 7.45 min Scan# 1977

Delta R.T. 0.01 min

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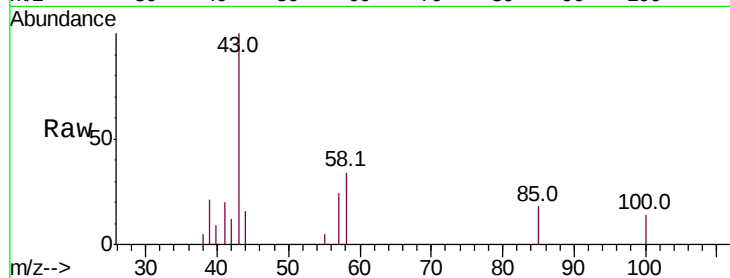
Tot Ion: 43 Resp: 4567

Ion Ratio Lower Upper

43 100

58 31.8 33.3 49.9#

100 10.4 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

