

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071919\
 Data File : VU033335.D
 Acq On : 19 Jul 2019 14:27
 Operator : JC/SP
 Sample : K3863-25
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A52W3

Quant Time: Jul 19 23:29:49 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	239249	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	242075	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	110030	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	88503	48.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.74%
7) Chloroethane-d5	1.67	69	83702	54.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.20%
11) 1,1-Dichloroethene-d2	2.26	63	116731	35.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.06%
21) 2-Butanone-d5	4.15	46	145589	126.87	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	126.87%
24) Chloroform-d	4.62	84	160985	53.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.08%
26) 1,2-Dichloroethane-d4	5.29	65	112305	57.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.38%
32) Benzene-d6	5.32	84	322830	54.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.72%
36) 1,2-Dichloropropane-d6	6.31	67	106961	56.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	112.46%
41) Toluene-d8	7.55	98	285015	50.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.78%
43) trans-1,3-Dichloropropene-	7.83	79	49084	52.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.24%
47) 2-Hexanone-d5	8.29	63	101464	118.31	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.31%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	156608	54.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.78%
64) 1,2-Dichlorobenzene-d4	11.85	152	107863	54.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.94%

Target Compounds

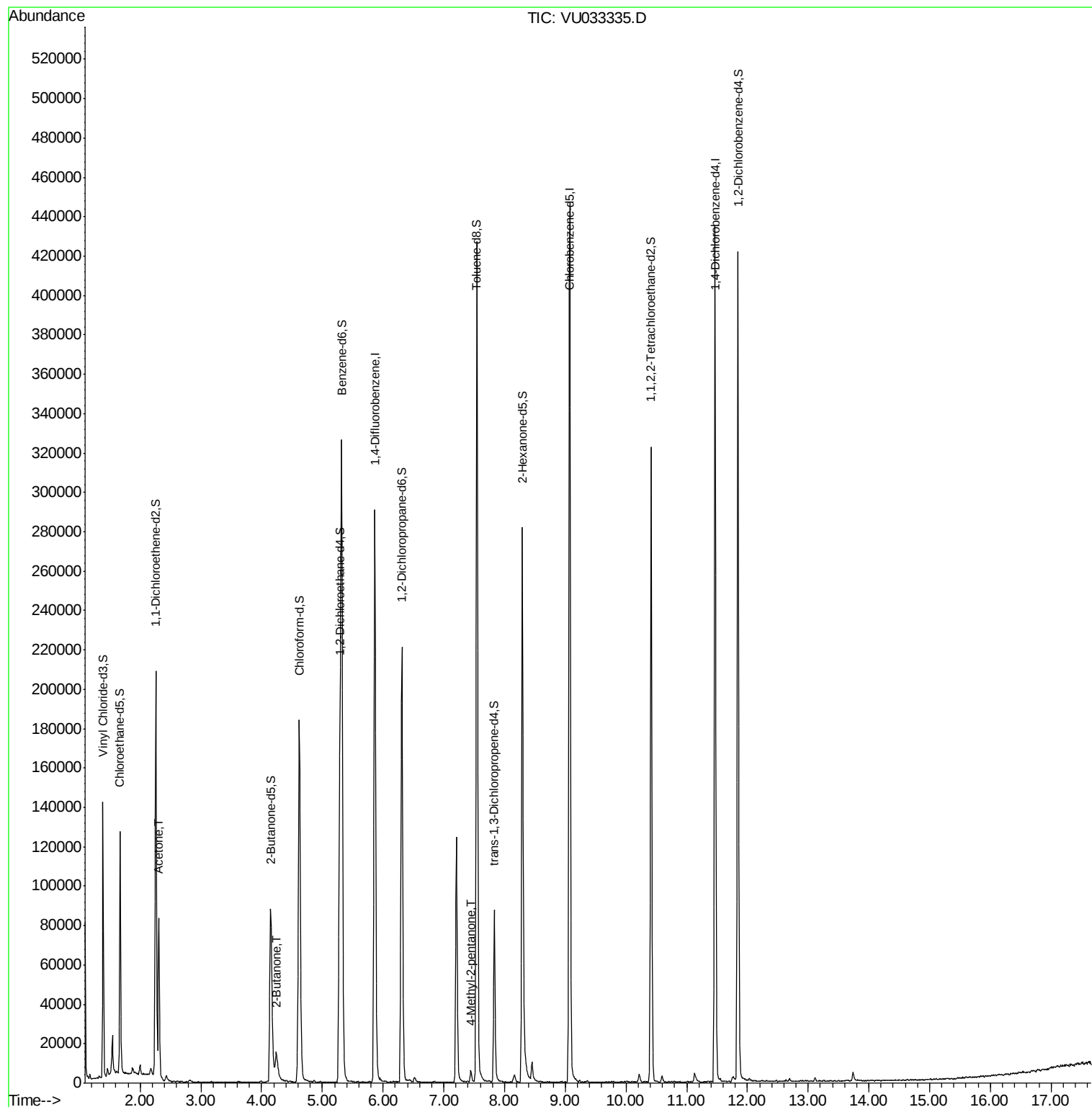
					Ovalue
13) Acetone	2.31	43	83406	58.172 ug/L	98
22) 2-Butanone	4.24	43	22138	13.899 ug/L	100
40) 4-Methyl-2-pentanone	7.45	43	4339	1.689 ug/L #	88

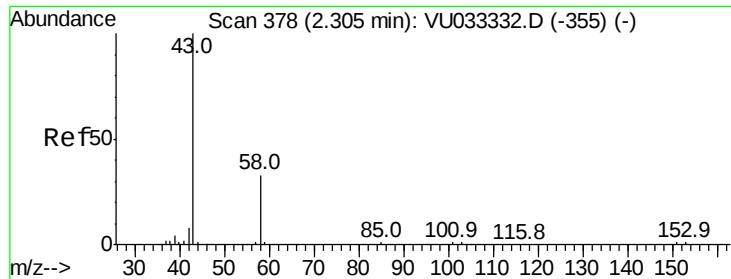
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 58.172 ug/L

RT: 2.31 min Scan# 378

Delta R.T. -0.00 min

Lab File: VU033335.D

Acq: 19 Jul 2019 14:27

Instrument :

MSVOA_U

ClientSampleId :

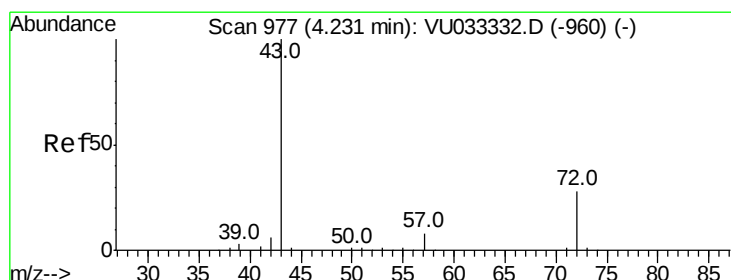
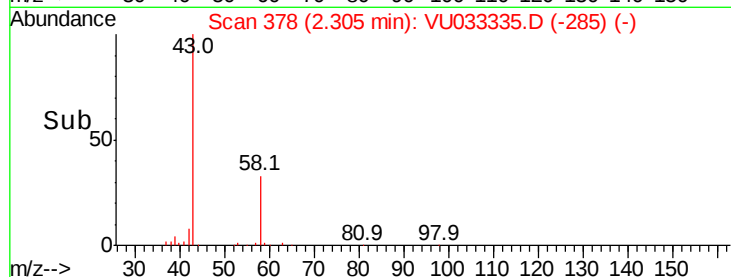
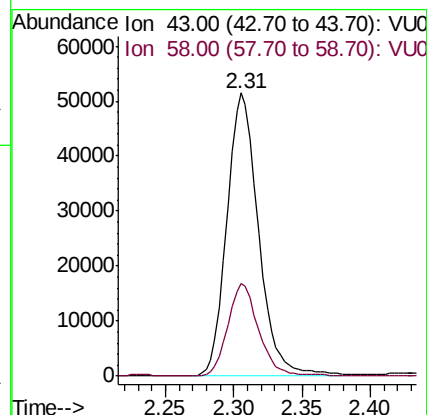
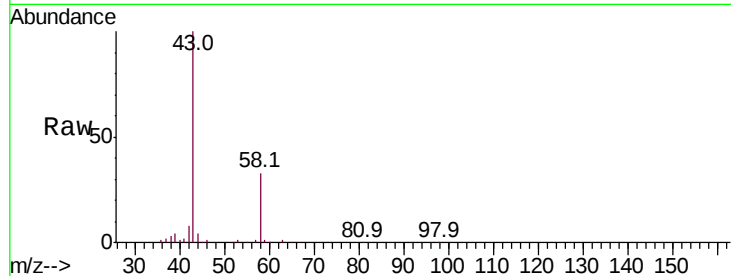
A52W3

Tot Ion: 43 Resp: 83406

Ion Ratio Lower Upper

43 100

58 31.6 0.0 65.4



#22

2-Butanone

Concen: 13.899 ug/L

RT: 4.24 min Scan# 981

Delta R.T. 0.01 min

Lab File: VU033335.D

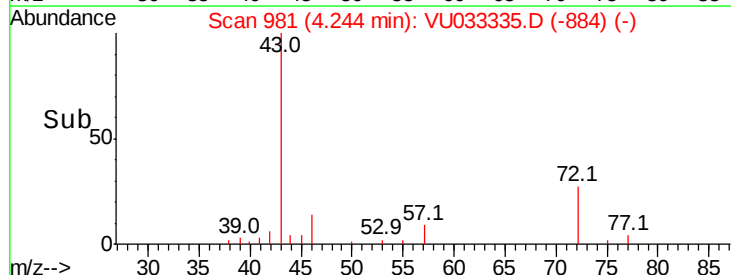
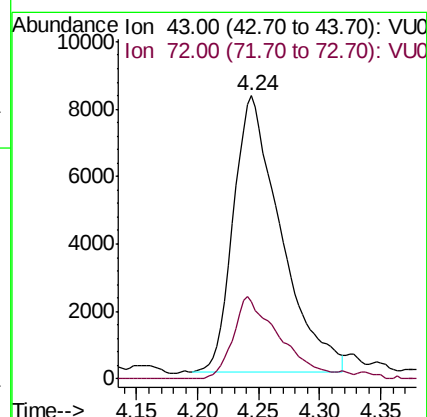
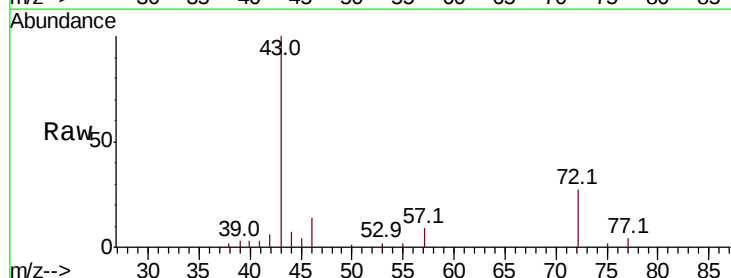
Acq: 19 Jul 2019 14:27

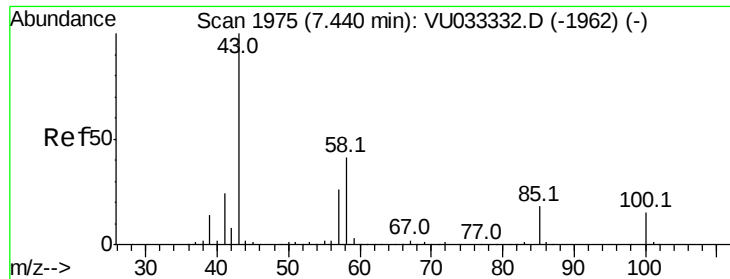
Tgt Ion: 43 Resp: 22138

Ion Ratio Lower Upper

43 100

72 28.8 14.4 43.2





#40

4-Methyl-2-pentanone

Concen: 1.689 ug/L

RT: 7.45 min Scan# 1977

Delta R.T. 0.01 min

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Acq: 19 Jul 2019 14:27

Instrument :

MSVOA_U

ClientSampleId :

A52W3

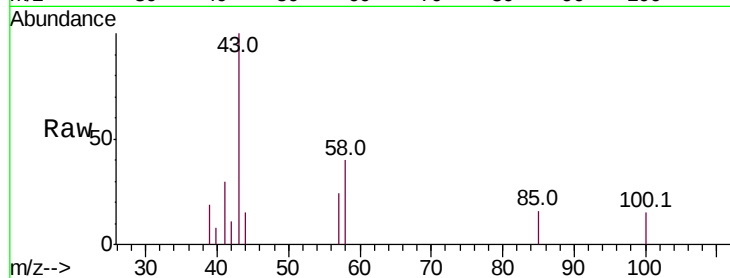
Tot Ion: 43 Resp: 4339

Ion Ratio Lower Upper

43 100

58 33.6 33.3 49.9

100 10.3 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

