

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071819\
 Data File : VV011934.D
 Acq On : 18 Jul 2019 15:27
 Operator : SY/MD
 Sample : K3823-17
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A52W1

Quant Time: Jul 19 06:35:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 19 05:34:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	192096	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	184862	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	87577	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	56733	4.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.40%
7) Chloroethane-d5	1.58	69	49661	4.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.00%
11) 1,1-Dichloroethene-d2	2.13	63	54574	2.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	47.20%#
20) 2-Butanone-d5	3.94	46	137942	38.71	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.42%
24) Chloroform-d	4.40	84	104380	3.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.80%
26) 1,2-Dichloroethane-d4	5.08	65	57750	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.60%
32) Benzene-d6	5.10	84	208110	3.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.40%
36) 1,2-Dichloropropane-d6	6.12	67	63843	3.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.40%
41) Toluene-d8	7.36	98	181708	3.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.00%
43) trans-1,3-Dichloropropene-	7.66	79	22446	3.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.60%
46) 2-Hexanone-d5	8.13	63	93673	38.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.32%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	36816	3.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	71.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	75249	4.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.00%

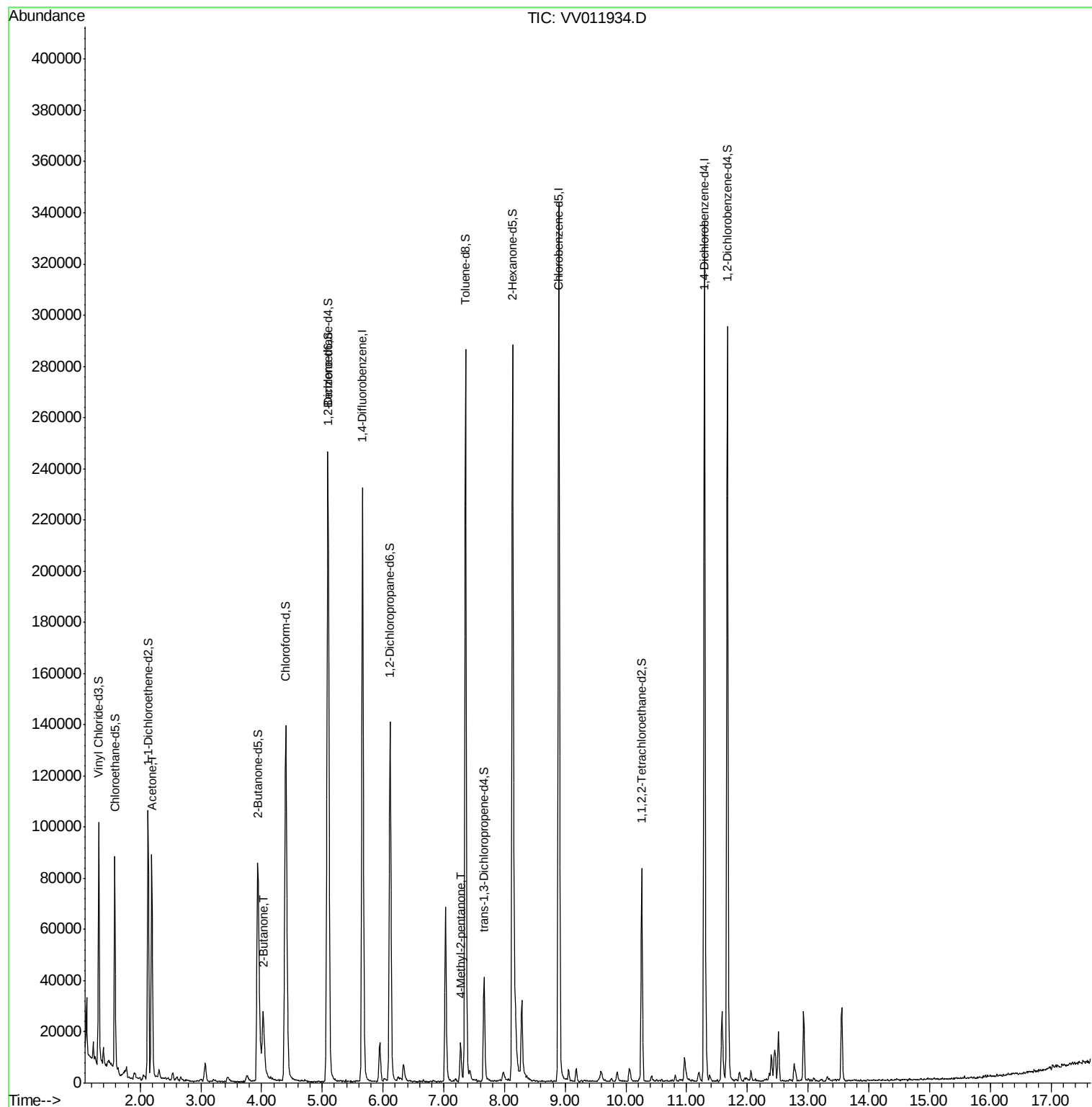
Target Compounds					Ovalue
13) Acetone	2.19	43	91993	50.870 ug/L	96
21) 2-Butanone	4.03	43	38435	10.840 ug/L	92
40) 4-Methyl-2-pentanone	7.28	43	10194	1.201 ug/L #	90

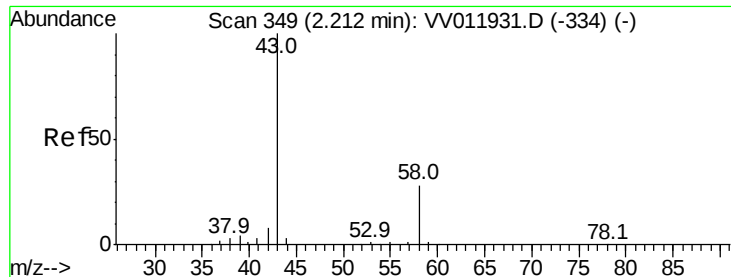
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 50.870 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.02 min

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Acq: 18 Jul 2019 15:27

Instrument :

MSVOA_V

ClientSampled :

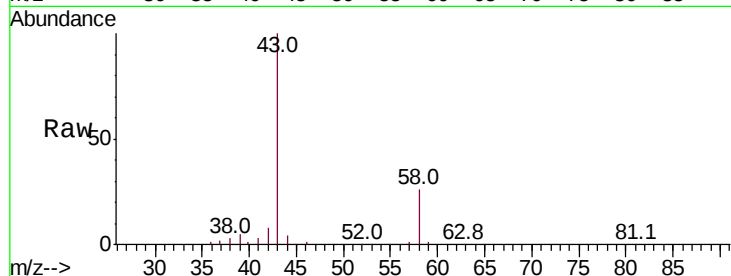
A52W1

Tot Ion: 43 Resp: 91993

Ion Ratio Lower Upper

43 100

58 25.8 0.0 55.6



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.19

60000

50000

40000

30000

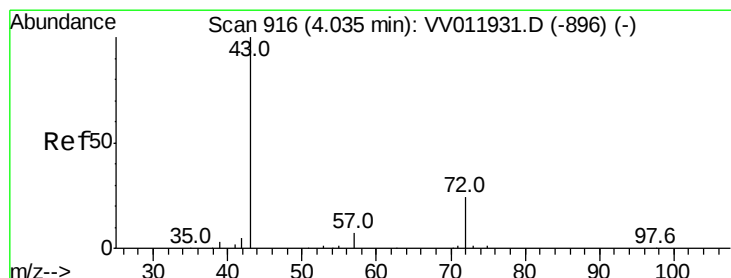
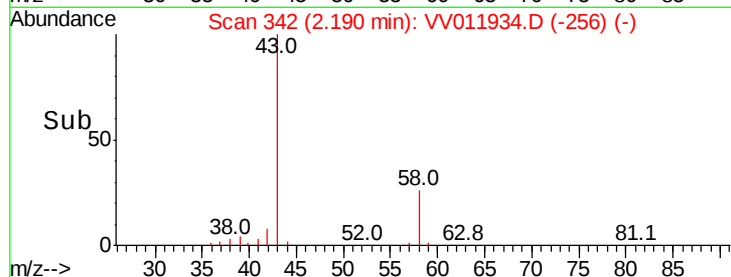
20000

10000

0

Time-->

2.10 2.15 2.20 2.25 2.30



#21

2-Butanone

Concen: 10.840 ug/L

RT: 4.03 min Scan# 913

Delta R.T. -0.01 min

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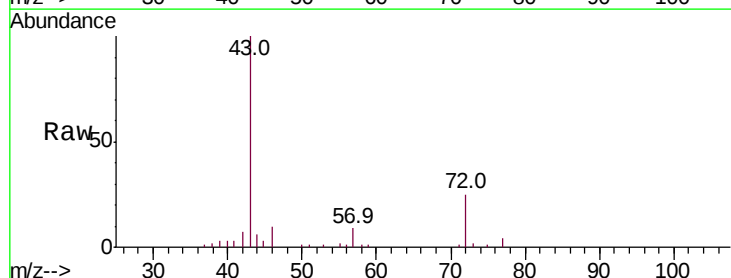
Acq: 18 Jul 2019 15:27

Tgt Ion: 43 Resp: 38435

Ion Ratio Lower Upper

43 100

72 26.4 11.2 33.6



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 72.10 (71.80 to 72.80): VV0

4.03

15000

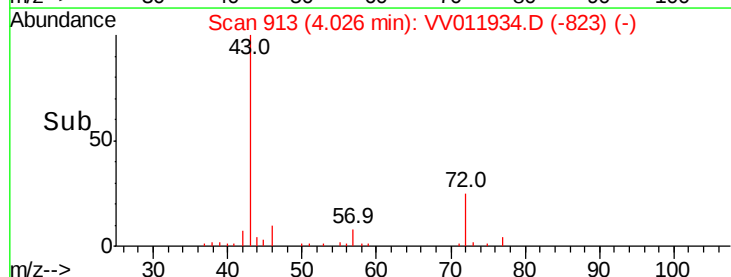
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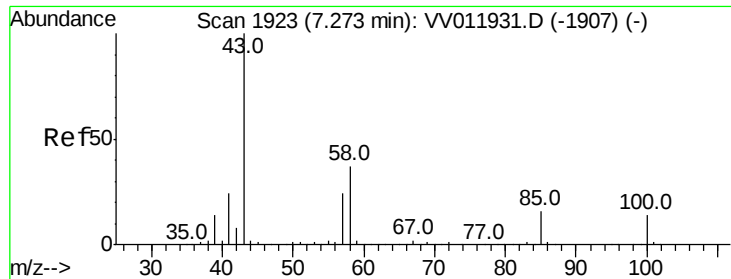
5000

0

Time-->

3.95 4.00 4.05 4.10





#40

4-Methyl-2-pentanone

Concen: 1.201 ug/L

RT: 7.28 min Scan# 1924

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

A52W1

Tot Ion: 43 Resp: 10194

Ion Ratio Lower Upper

43 100

58 37.6 29.4 44.2

100 0.0 11.1 16.7#

