

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072118\
 Data File : VU025590.D
 Acq On : 21 Jul 2018 17:33
 Operator : MD/SY
 Sample : J4040-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 23 01:14:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jul 23 01:10:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	315627	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	295922	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	150580	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	70743	39.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.52%
7) Chloroethane-d5	1.69	69	62889	42.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.62%
11) 1,1-Dichloroethene-d2	2.27	63	116438	31.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.08%
21) 2-Butanone-d5	4.18	46	137139	98.58	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.58%
24) Chloroform-d	4.65	84	176854	44.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.12%
26) 1,2-Dichloroethane-d4	5.31	65	123615	46.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.14%
32) Benzene-d6	5.35	84	348287	45.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.78%
36) 1,2-Dichloropropane-d6	6.34	67	113265	46.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.64%
41) Toluene-d8	7.57	98	328791	45.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.34%
43) trans-1,3-Dichloropropene-	7.85	79	55675	44.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.14%
47) 2-Hexanone-d5	8.31	63	99534	97.21	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.21%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	156554	45.77	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.54%
64) 1,2-Dichlorobenzene-d4	11.86	152	145089	47.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.08%

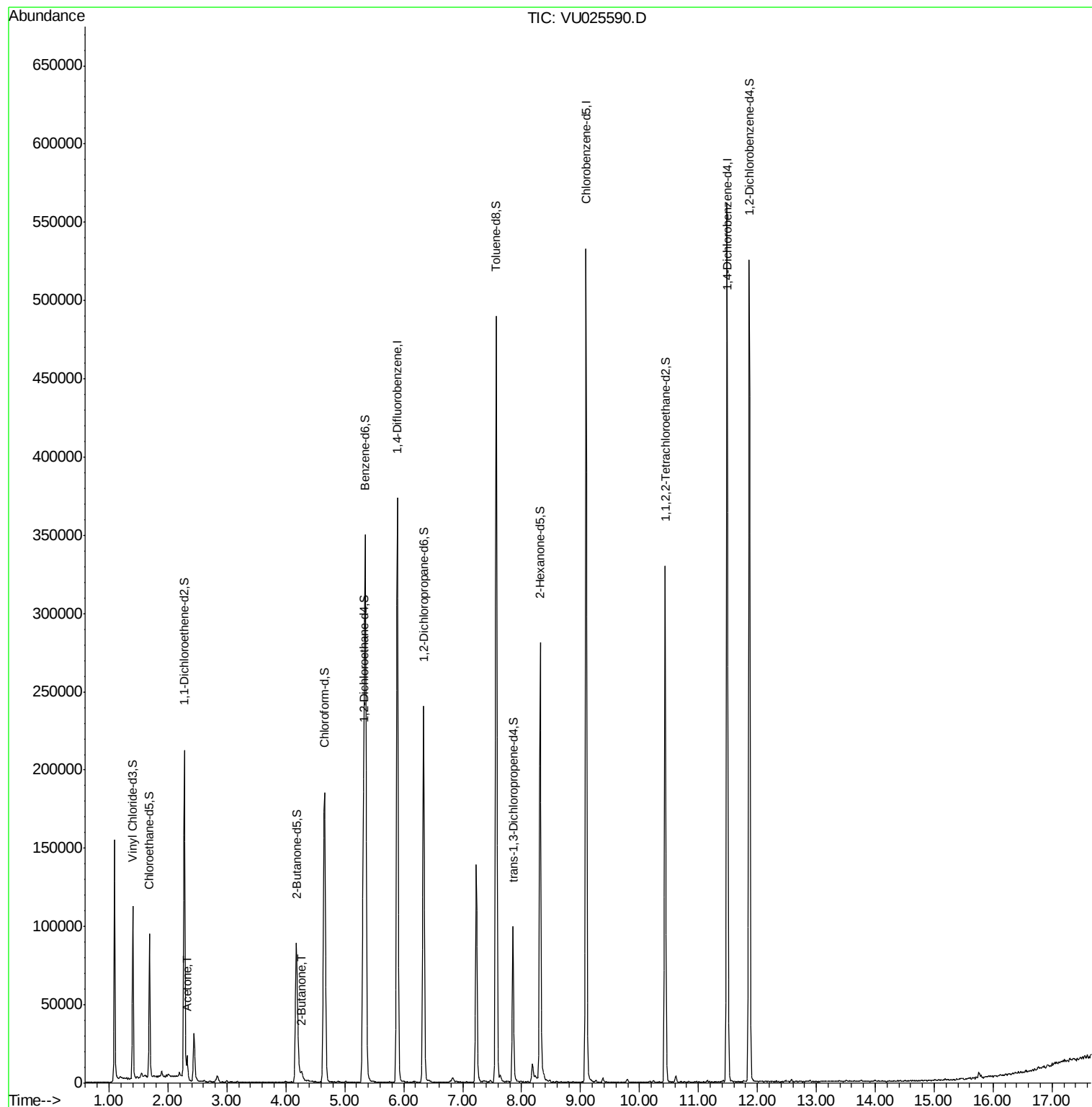
Target Compounds					Ovalue
13) Acetone	2.32	43	15617	9.565 ug/L	94
22) 2-Butanone	4.27	43	7437	4.091 ug/L	99

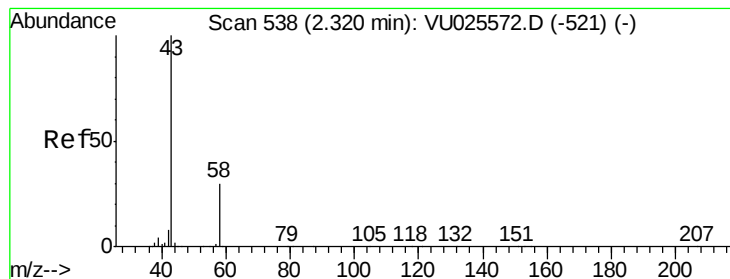
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 9.565 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025590.D

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Instrument :

MSVOA_U

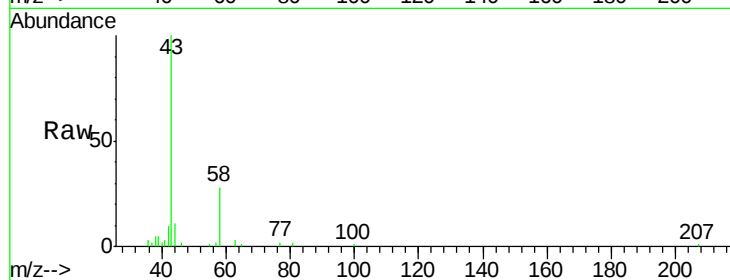
ClientSampled :

Tot Ion: 43 Resp: 15617

Ion Ratio Lower Upper

43 100

58 27.2 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

10000

8000

6000

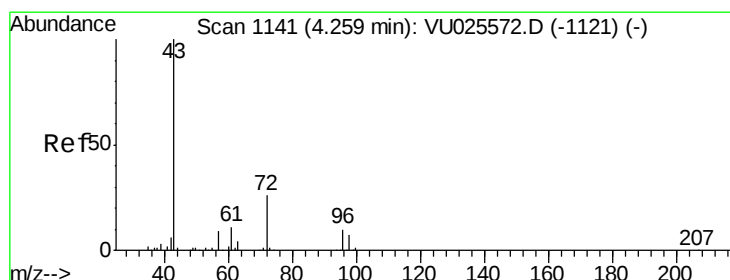
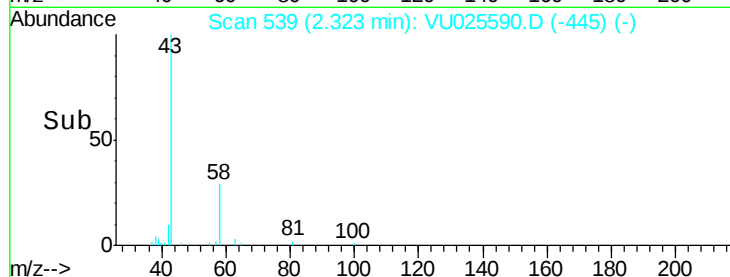
4000

2000

0

Time-->

2.25 2.30 2.35 2.40



#22

2-Butanone

Concen: 4.091 ug/L

RT: 4.27 min Scan# 1144

Delta R.T. 0.01 min

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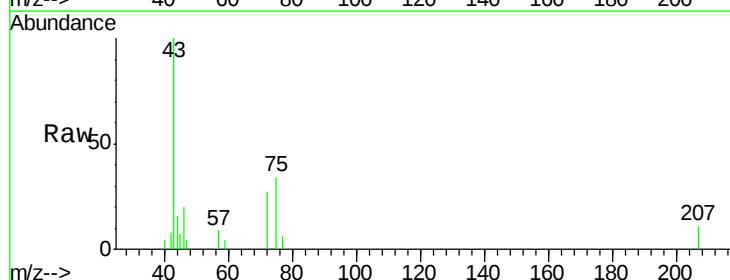
Acq: 21 Jul 2018 17:33

Tgt Ion: 43 Resp: 7437

Ion Ratio Lower Upper

43 100

72 27.8 13.6 40.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

4.27

3000

2000

1000

0

Time-->

4.20 4.25 4.30 4.35

