

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U092019\
 Data File : VU034700.D
 Acq On : 20 Sep 2019 19:39
 Operator : JC/SP
 Sample : K4948-16
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFCX4

Quant Time: Sep 21 05:13:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 21 02:29:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	488719	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	453437	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	197042	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	183624	36.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.40%
7) Chloroethane-d5	1.67	69	159216	41.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.34%
11) 1,1-Dichloroethene-d2	2.26	63	263684	31.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.24%
21) 2-Butanone-d5	4.15	46	362051	94.42	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.42%
24) Chloroform-d	4.62	84	328001	45.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	5.29	65	235698	44.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.16%
32) Benzene-d6	5.32	84	650667	46.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.31	67	233255	47.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.96%
41) Toluene-d8	7.54	98	608056	45.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.94%
43) trans-1,3-Dichloropropene-	7.83	79	104256	44.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.62%
47) 2-Hexanone-d5	8.29	63	224681	91.07	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.07%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	306920	45.03	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.06%
64) 1,2-Dichlorobenzene-d4	11.84	152	195008	47.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.40%

Target Compounds

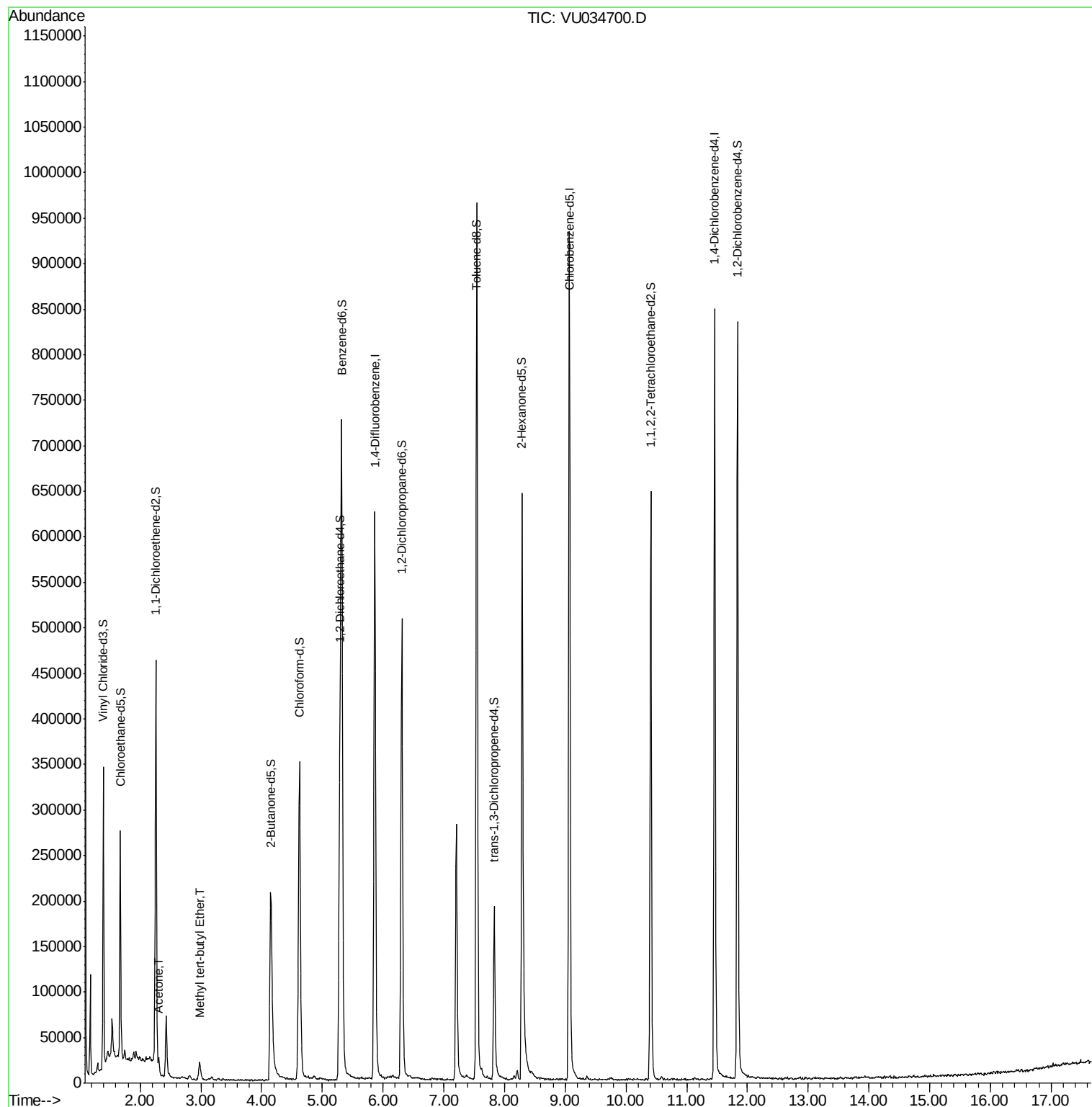
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.31	43	16750	3.755	ug/L	98
18) Methyl tert-butyl Ether	2.98	73	17925	1.382	ug/L	92

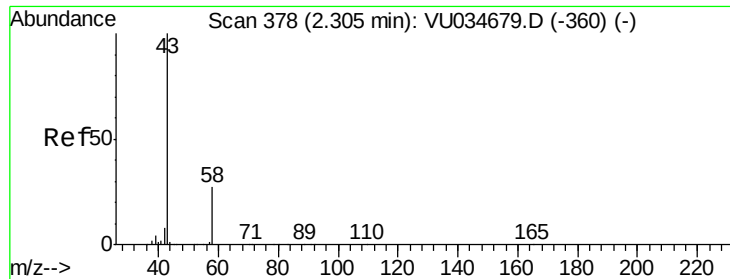
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.755 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

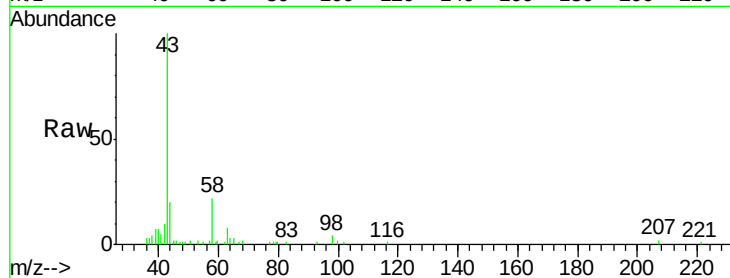
BFCX4

Tot Ion: 43 Resp: 16750

Ion Ratio Lower Upper

43 100

58 25.6 0.0 53.4



Abundance Ion 43.00 (42.70 to 43.70): VU034700.D (-285) (-)

Ion 58.00 (57.70 to 58.70): VU034700.D (-285) (-)

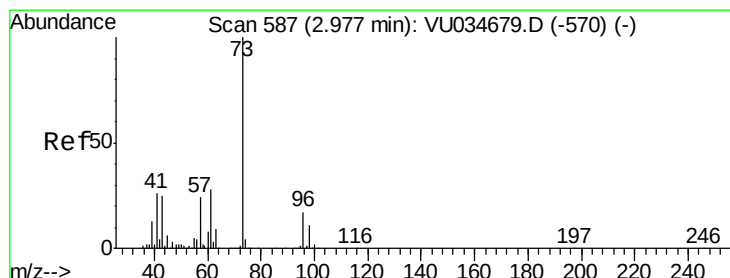
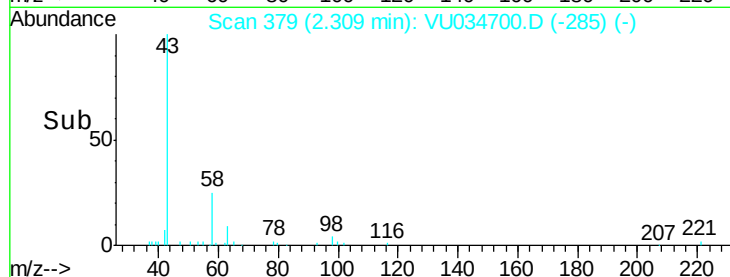
2.31

10000

5000

0

Time--> 2.25 2.30 2.35



#18

Methyl tert-butyl Ether

Concen: 1.382 ug/L

RT: 2.98 min Scan# 588

Delta R.T. 0.00 min

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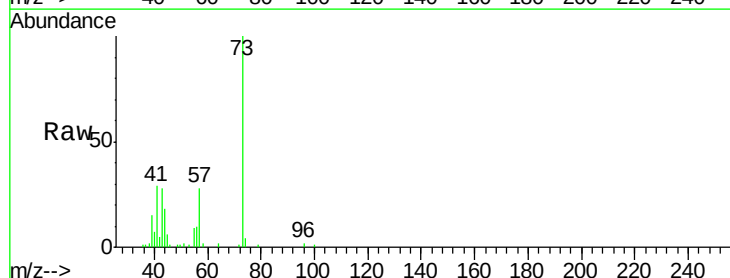
Tgt Ion: 73 Resp: 17925

Ion Ratio Lower Upper

73 100

43 22.1 20.9 31.3

57 28.9 19.5 29.3



Abundance Ion 73.00 (72.70 to 73.70): VU034700.D (-494) (-)

Ion 43.00 (42.70 to 43.70): VU034700.D (-494) (-)

Ion 57.00 (56.70 to 57.70): VU034700.D (-494) (-)

2.98

10000

8000

6000

4000

2000

0

Time--> 2.90 2.95 3.00 3.05

