

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120919\
 Data File : VU036056.D
 Acq On : 09 Dec 2019 18:52
 Operator : JC/MD
 Sample : K6167-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFQS8

Quant Time: Dec 10 03:15:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 10 01:47:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	244168	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	263400	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	92993	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	106713	4.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.00%
7) Chloroethane-d5	1.93	69	118670	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.80%
11) 1,1-Dichloroethene-d2	2.59	63	121669	3.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.20%
20) 2-Butanone-d5	4.70	46	197464	53.25	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.50%
24) Chloroform-d	5.11	84	170922	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.75	65	92330	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
32) Benzene-d6	5.77	84	347962	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
36) 1,2-Dichloropropane-d6	6.73	67	106450	5.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.80%
41) Toluene-d8	7.93	98	290313	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
43) trans-1,3-Dichloropropene-	8.22	79	31678	3.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.60%
46) 2-Hexanone-d5	8.68	63	160492	52.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.86%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	96042	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	102796	5.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.00%

Target Compounds

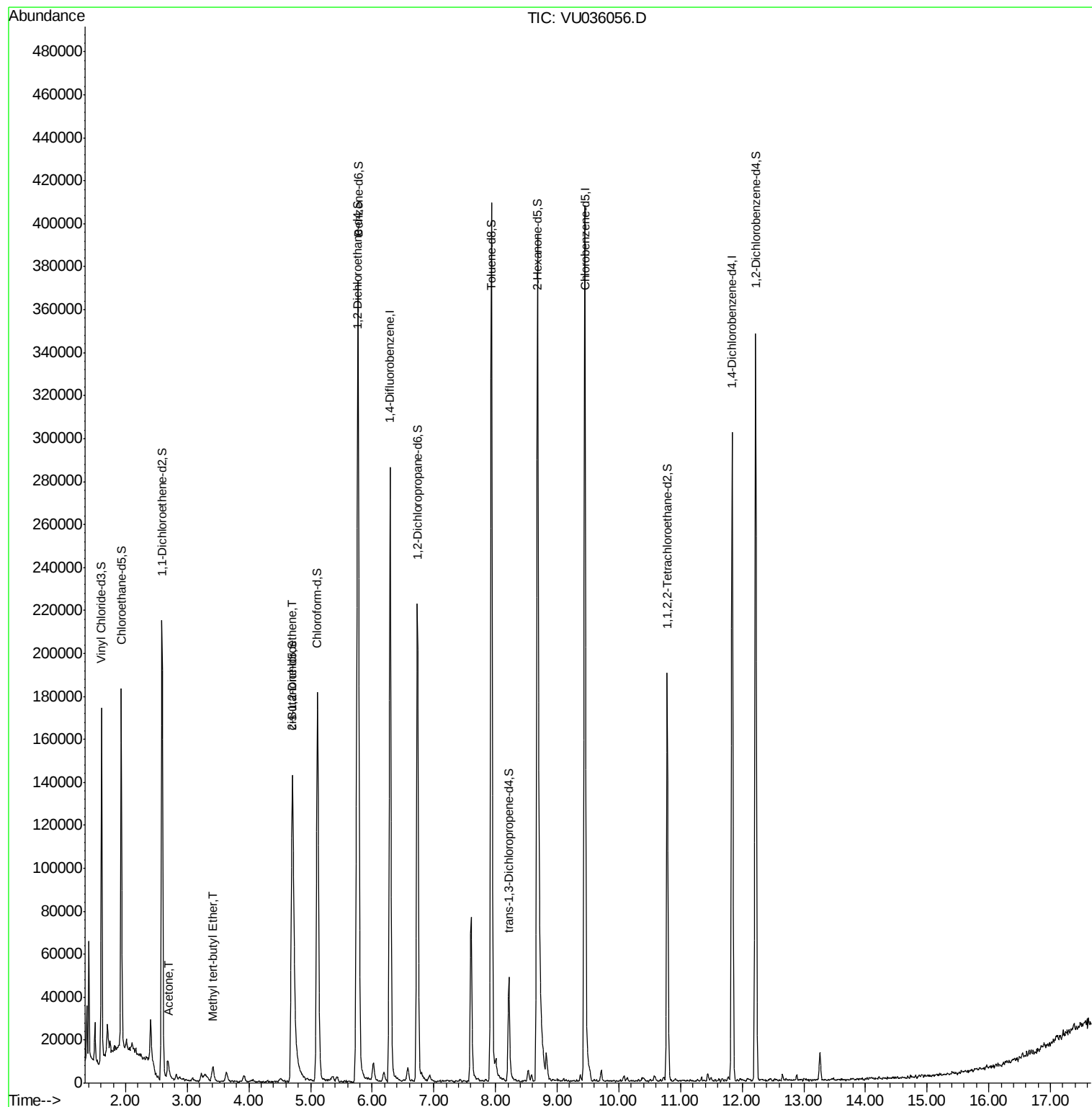
					Ovalue
13) Acetone	2.69	43	14055	2.986 ug/L	94
17) Methyl tert-butyl Ether	3.42	73	7372	0.202 ug/L	95
22) cis-1,2-Dichloroethene	4.71	96	14169	0.745 ug/L	95

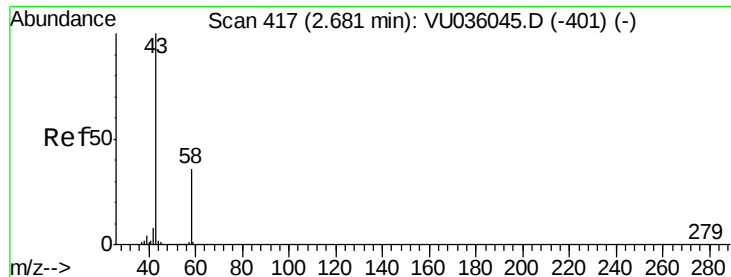
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.986 ug/L

RT: 2.69 min Scan# 420

Delta R.T. 0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

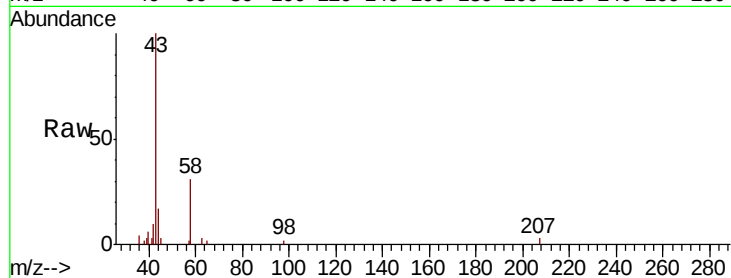
BFQS8

Tot Ion: 43 Resp: 14055

Ion Ratio Lower Upper

43 100

58 41.0 0.0 74.2



Abundance Ion 43.05 (42.75 to 43.75): VU036045.D (-401) (-)

Ion 58.05 (57.75 to 58.75): VU036045.D (-401) (-)

2.69

6000

5000

4000

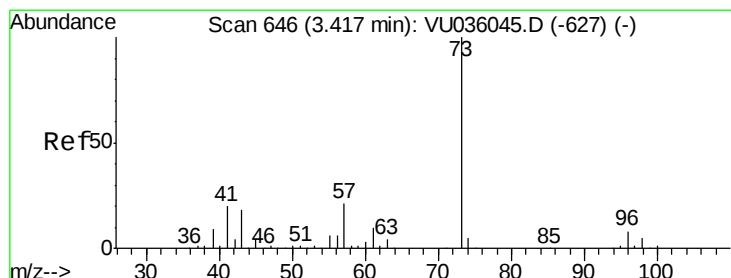
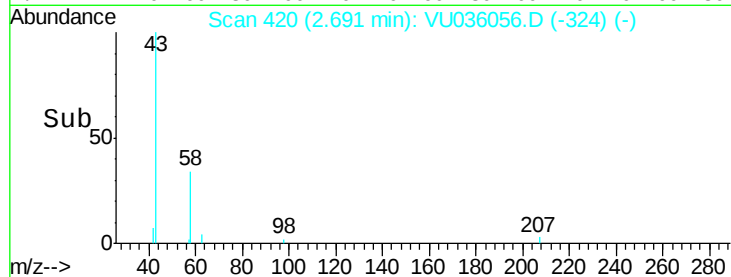
3000

2000

1000

0

Time-->



#17

Methyl tert-butyl Ether

Concen: 0.202 ug/L

RT: 3.42 min Scan# 646

Delta R.T. 0.00 min

Lab File: VU036056.D

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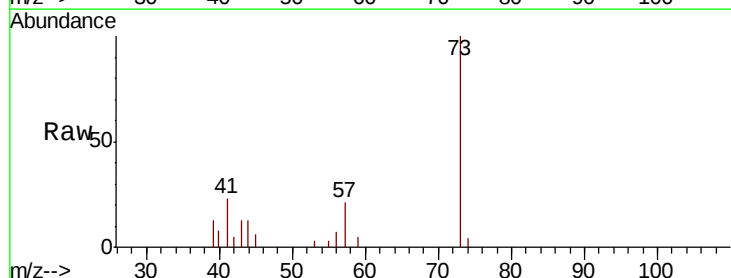
Tgt Ion: 73 Resp: 7372

Ion Ratio Lower Upper

73 100

43 20.9 15.6 23.4

57 25.4 17.4 26.2



Abundance Ion 73.10 (72.80 to 73.80): VU036045.D (-627) (-)

Ion 43.05 (42.75 to 43.75): VU036045.D (-627) (-)

Ion 57.10 (56.80 to 57.80): VU036045.D (-627) (-)

3.42

4000

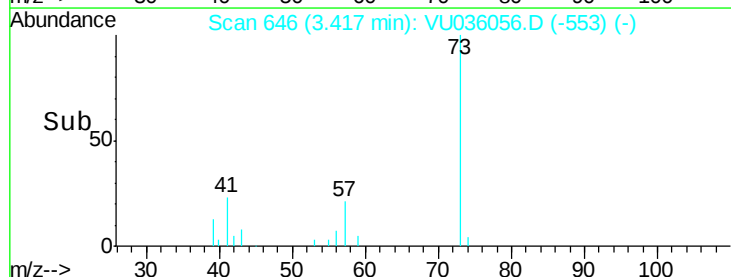
3000

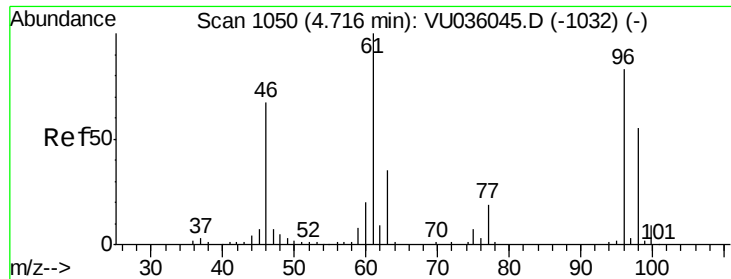
2000

1000

0

Time-->





#22

cis-1,2-Dichloroethene

Concen: 0.745 ug/L

RT: 4.71 min Scan# 1049

Delta R.T. -0.00 min

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MSVOA_U
ClientSampleId :
BFQS8

Tot Ion: 96 Resp: 14169

Ion Ratio Lower Upper

96 100

61 124.4 83.0 154.2

68 0.0 0.0 0.0

