

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051719\
 Data File : VU032109.D
 Acq On : 17 May 2019 18:37
 Operator : JC/SP
 Sample : K2850-10DL 4X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9W10DL

Quant Time: May 18 05:10:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 18 04:08:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	372485	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	388058	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	156700	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	121142	3.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.20%
7) Chloroethane-d5	1.68	69	103315	3.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.00%
11) 1,1-Dichloroethene-d2	2.27	63	173955	3.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.60%
20) 2-Butanone-d5	4.21	46	275302	44.69	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.38%
24) Chloroform-d	4.64	84	234030	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
26) 1,2-Dichloroethane-d4	5.31	65	122303	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
32) Benzene-d6	5.33	84	471118	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.60%
36) 1,2-Dichloropropane-d6	6.33	67	140093	4.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.00%
41) Toluene-d8	7.56	98	393511	3.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.40%
43) trans-1,3-Dichloropropene-	7.85	79	47286	3.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.00%
46) 2-Hexanone-d5	8.31	63	236989	42.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.26%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	126356	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	150964	4.55	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.00%

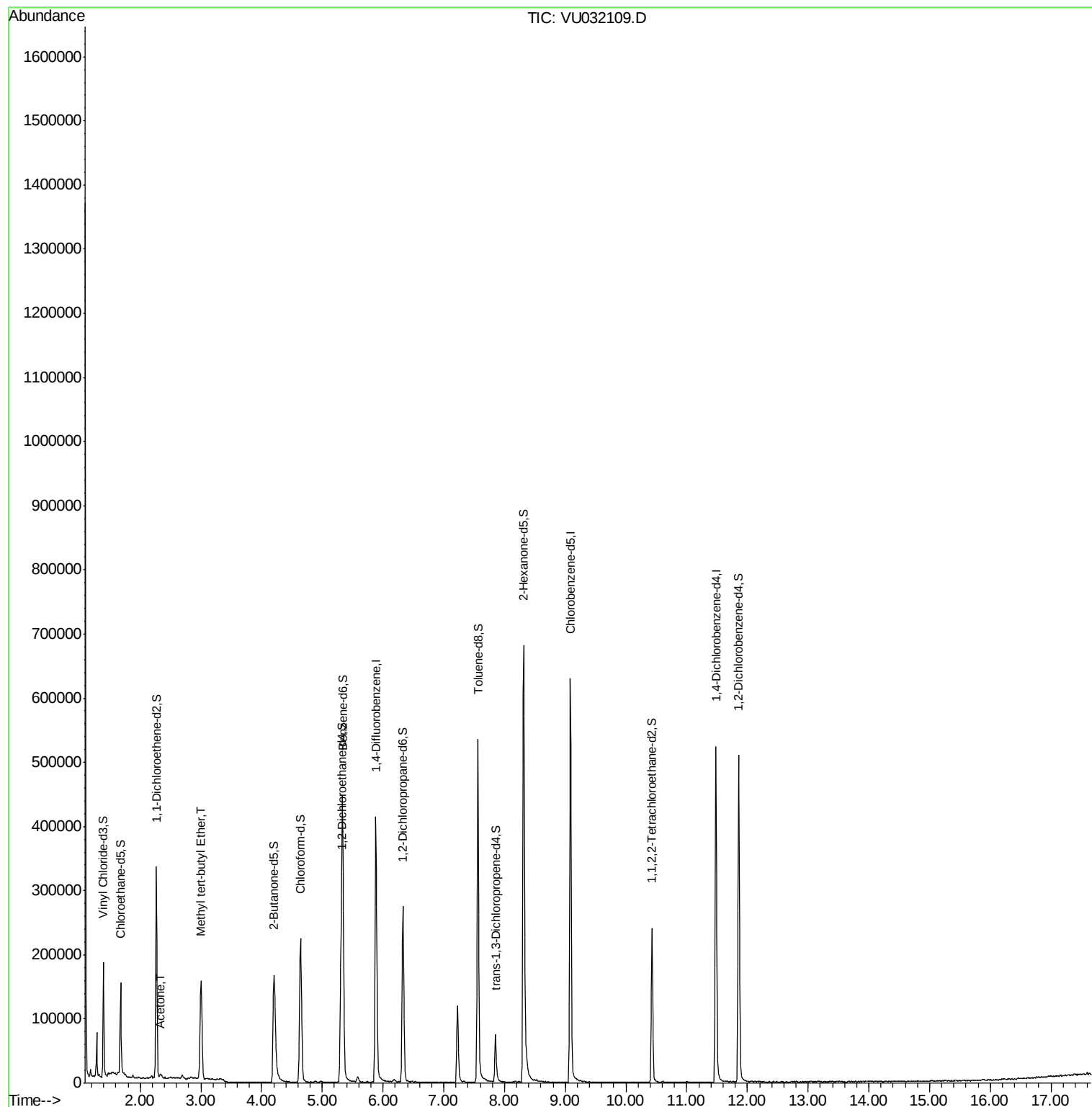
Target Compounds					Ovalue
13) Acetone	2.34	43	5649	2.793 ug/L	99
17) Methyl tert-butyl Ether	3.00	73	182219	5.182 ug/L	95

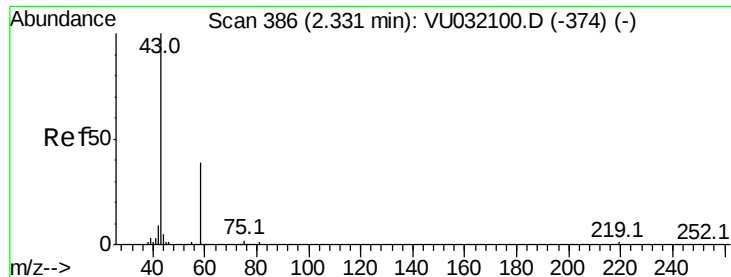
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.793 ug/L

RT: 2.34 min Scan# 389

Delta R.T. 0.01 min

Lab File: VU032109.D

Acq: 17 May 2019 18:37

Instrument :

MSVOA_U

ClientSampleId :

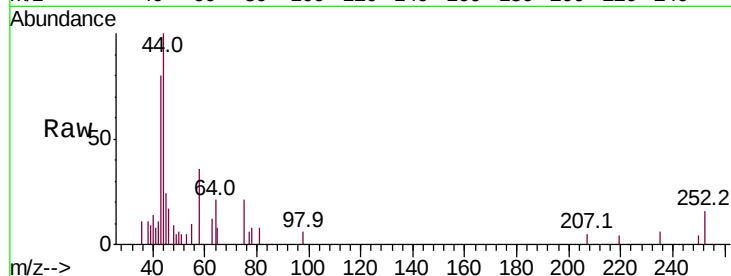
F9W10DL

Tot Ion: 43 Resp: 5649

Ion Ratio Lower Upper

43 100

58 40.2 0.0 78.8



Abundance Ion 43.05 (42.75 to 43.75): VU032100.D (-374) (-)

Ion 58.05 (57.75 to 58.75): VU032100.D (-374) (-)

2500

2000

1500

1000

500

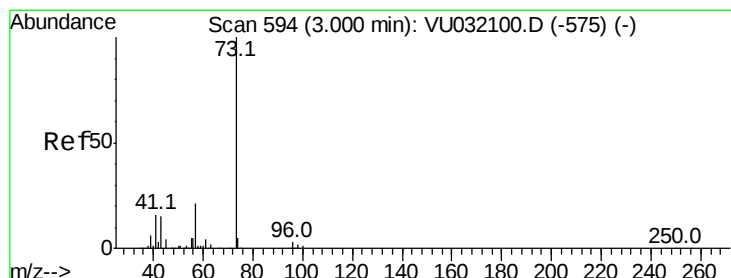
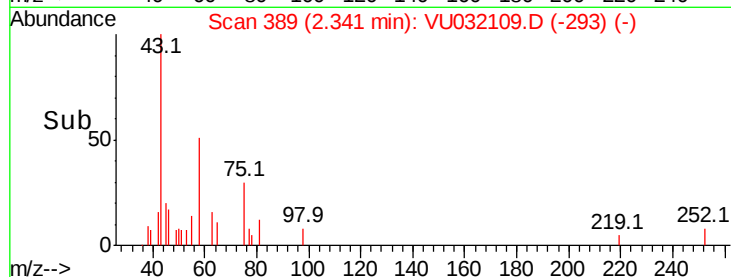
0

2.30

2.35

2.40

Time-->



#17

Methyl tert-butyl Ether

Concen: 5.182 ug/L

RT: 3.00 min Scan# 595

Delta R.T. 0.00 min

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Acq: 17 May 2019 18:37

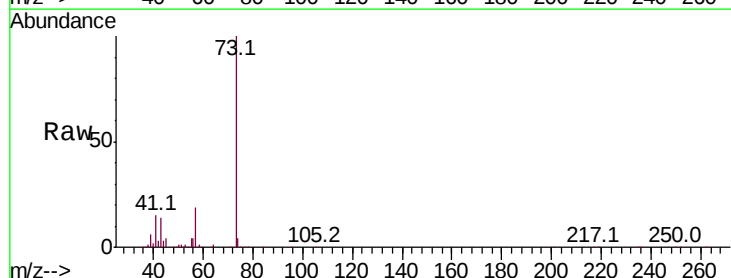
Tgt Ion: 73 Resp: 182219

Ion Ratio Lower Upper

73 100

43 14.6 13.0 19.6

57 19.9 17.9 26.9



Abundance Ion 73.10 (72.80 to 73.80): VU032100.D (-575) (-)

Ion 43.05 (42.75 to 43.75): VU032100.D (-575) (-)

Ion 57.10 (56.80 to 57.80): VU032100.D (-575) (-)

100000

80000

60000

40000

20000

0

2.90

2.95

3.00

3.05

3.10

Time-->

