

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051719\
 Data File : VU032107.D
 Acq On : 17 May 2019 17:47
 Operator : JC/SP
 Sample : K2850-08DL 4X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9W08DL

Quant Time: May 18 05:05:34 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	368140	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	383004	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	154779	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	121649	3.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.40%
7) Chloroethane-d5	1.68	69	101969	3.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.00%
11) 1,1-Dichloroethene-d2	2.27	63	172872	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	4.21	46	277361	45.56	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.12%
24) Chloroform-d	4.64	84	232040	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.20%
26) 1,2-Dichloroethane-d4	5.31	65	119197	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.80%
32) Benzene-d6	5.33	84	472204	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.80%
36) 1,2-Dichloropropane-d6	6.33	67	137338	4.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.40%
41) Toluene-d8	7.56	98	394333	3.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.60%
43) trans-1,3-Dichloropropene-	7.85	79	47626	3.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.40%
46) 2-Hexanone-d5	8.31	63	242758	43.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.46%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	125867	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	149938	4.57	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.40%

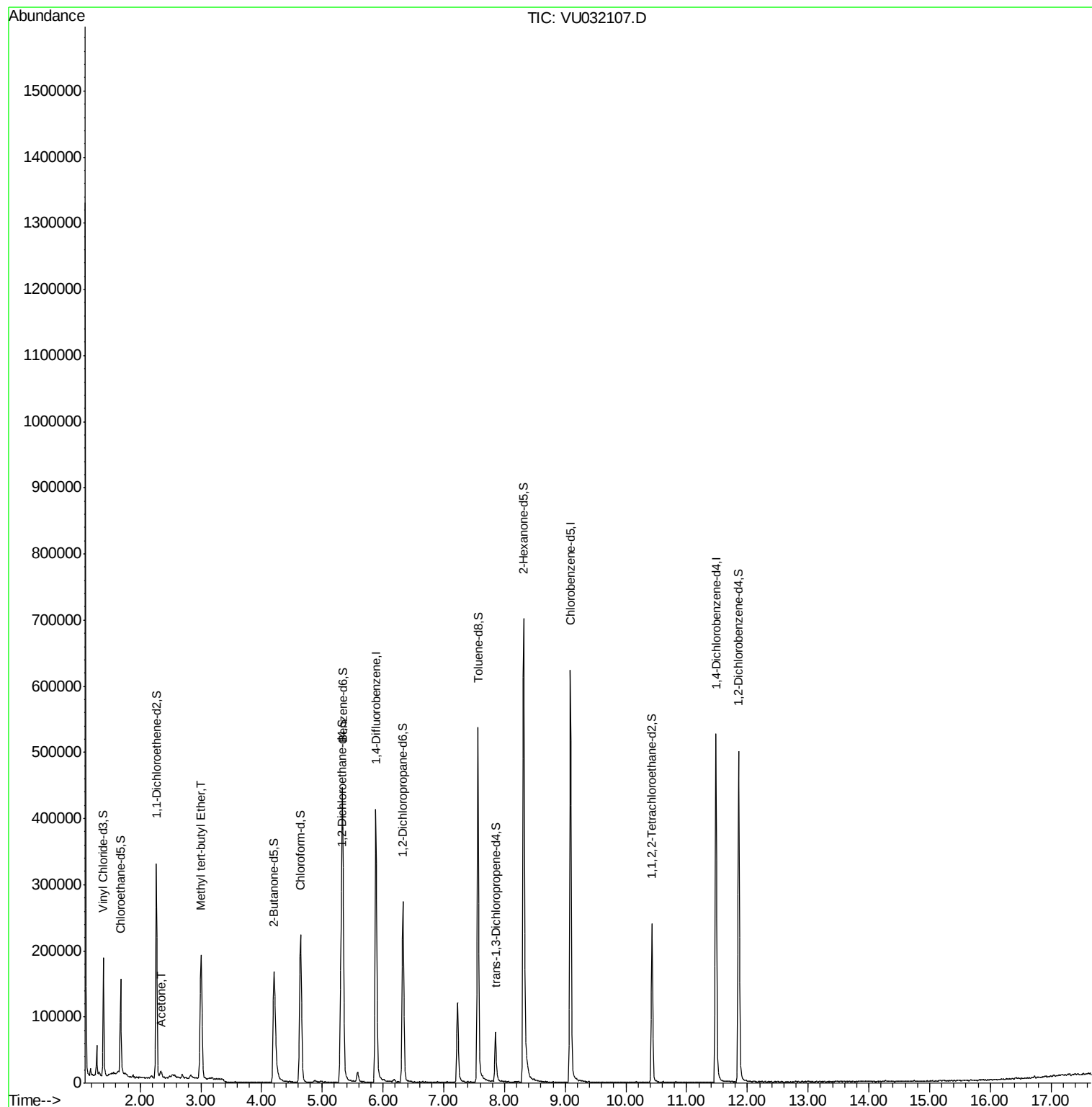
Target Compounds					Ovalue
13) Acetone	2.34	43	6596	3.300 ug/L	100
17) Methyl tert-butyl Ether	3.00	73	218361	6.283 ug/L	96

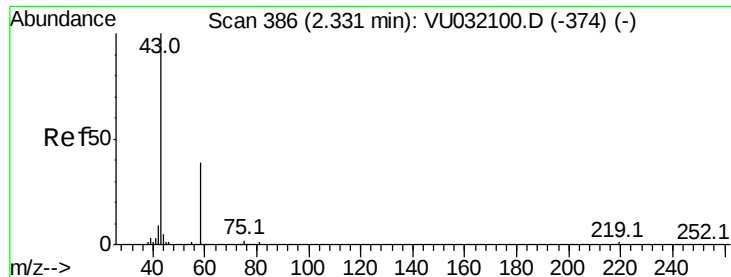
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.300 ug/L

RT: 2.34 min Scan# 389

Delta R.T. 0.01 min

Lab File: VU032107.D

Acq: 17 May 2019 17:47

Instrument :

MSVOA_U

ClientSampleId :

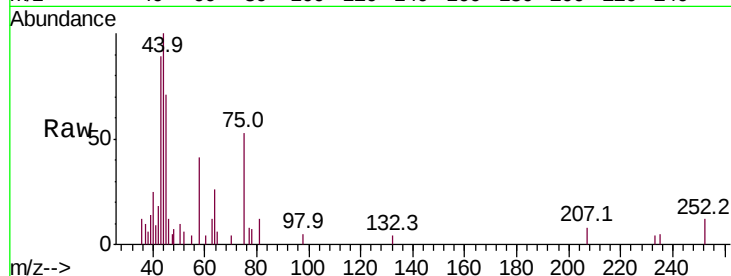
F9W08DL

Tot Ion: 43 Resp: 6596

Ion Ratio Lower Upper

43 100

58 39.4 0.0 78.8



Abundance Ion 43.05 (42.75 to 43.75): VU032107.D (-374) (-)

Ion 58.05 (57.75 to 58.75): VU032107.D (-374) (-)

3000

2500

2000

1500

1000

500

0

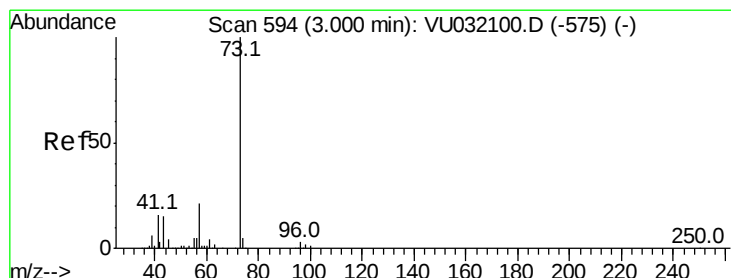
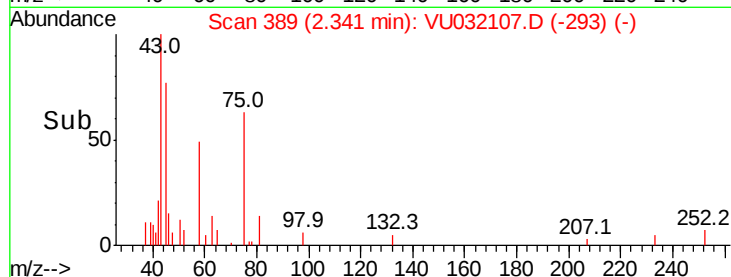
2.25

2.30

2.35

2.40

Time-->



#17

Methyl tert-butyl Ether

Concen: 6.283 ug/L

RT: 3.00 min Scan# 595

Delta R.T. 0.00 min

Lab File: VU032107.D

Acq: 17 May 2019 17:47

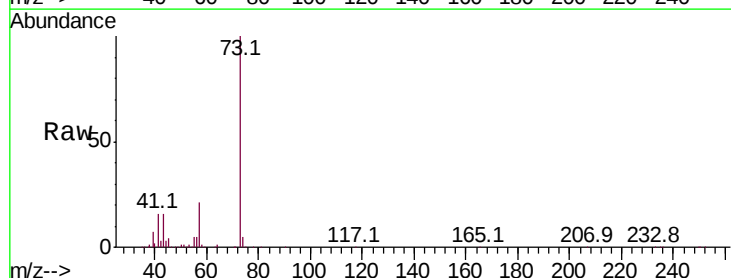
Tgt Ion: 73 Resp: 218361

Ion Ratio Lower Upper

73 100

43 14.9 13.0 19.6

57 20.2 17.9 26.9



Abundance Ion 73.10 (72.80 to 73.80): VU032107.D (-575) (-)

Ion 43.05 (42.75 to 43.75): VU032107.D (-575) (-)

Ion 57.10 (56.80 to 57.80): VU032107.D (-575) (-)

100000

50000

0

2.90

3.00

3.10

Time-->

