

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061019\
 Data File : VU032556.D
 Acq On : 10 Jun 2019 11:04
 Operator : JC/SP
 Sample : K3277-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8B0

Quant Time: Jun 11 05:10:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 11 04:40:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	214225	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	199945	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	104302	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	67524	48.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.16%
7) Chloroethane-d5	1.68	69	53412	47.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.64%
11) 1,1-Dichloroethene-d2	2.27	63	100408	36.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.80%
21) 2-Butanone-d5	4.17	46	127112	109.29	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.29%
24) Chloroform-d	4.64	84	121306	46.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	5.30	65	79971	48.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.94%
32) Benzene-d6	5.33	84	255234	49.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.34%
36) 1,2-Dichloropropane-d6	6.32	67	79810	49.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.06%
41) Toluene-d8	7.56	98	236267	48.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.00%
43) trans-1,3-Dichloropropene-	7.85	79	39344	50.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.02%
47) 2-Hexanone-d5	8.31	63	82220	104.14	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.14%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	114923	48.73	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.46%
64) 1,2-Dichlorobenzene-d4	11.85	152	98772	49.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.88%

Target Compounds

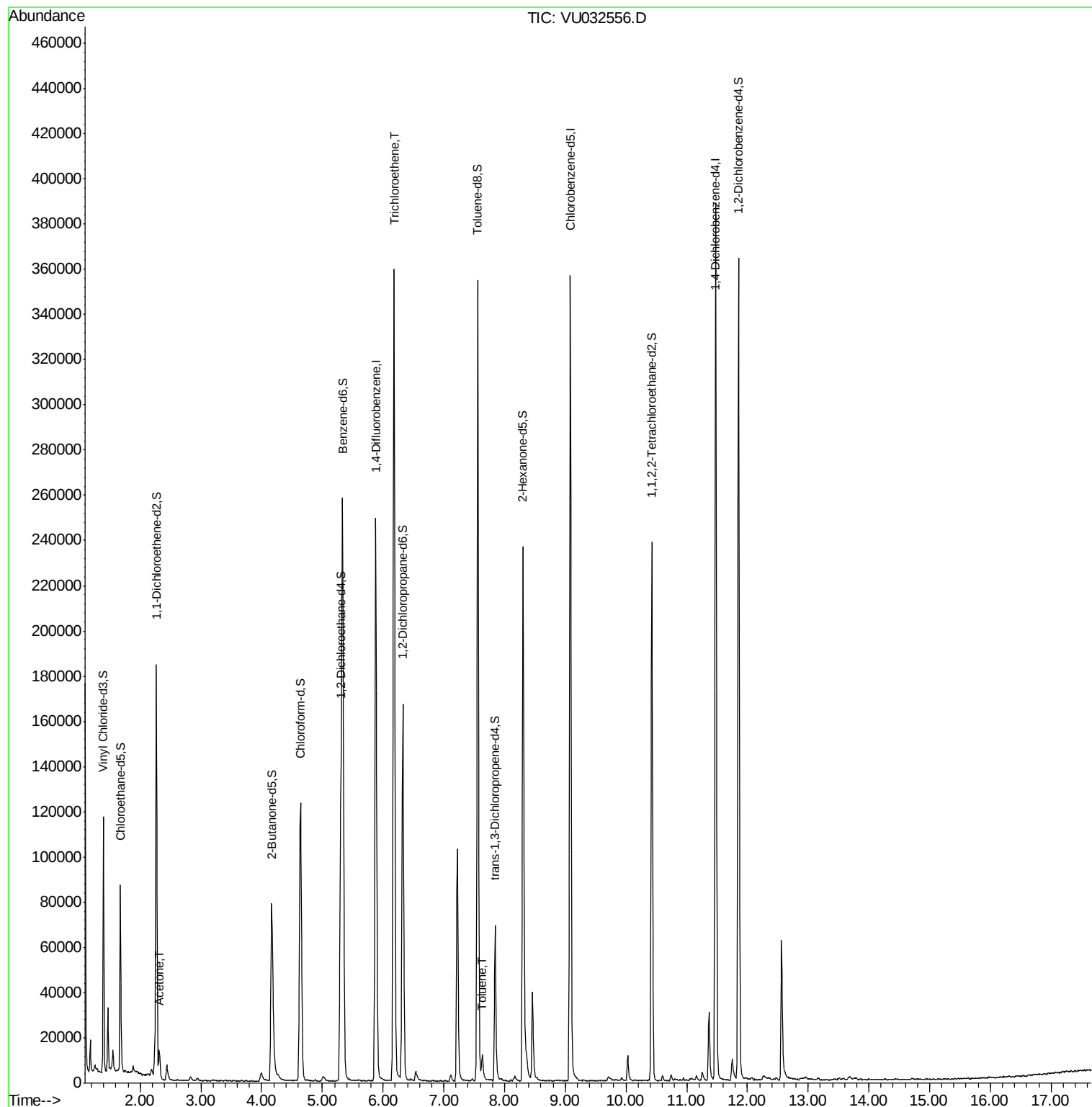
					Ovalue
13) Acetone	2.32	43	12016	10.012	ug/L 99
34) Trichloroethene	6.18	95	118858	77.766	ug/L 99
42) Toluene	7.64	91	8481	1.378	ug/L 92

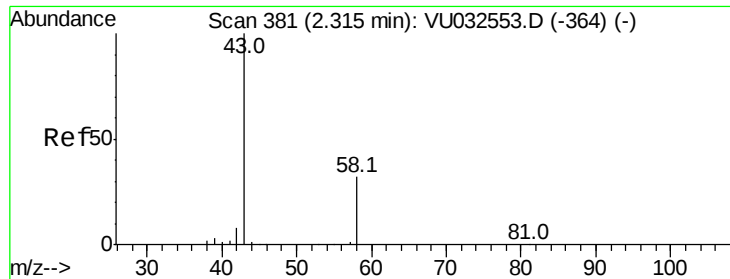
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 10.012 ug/L

RT: 2.32 min Scan# 381

Delta R.T. -0.00 min

Lab File: VU032556.D

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MSVOA_U

ClientSampleId :

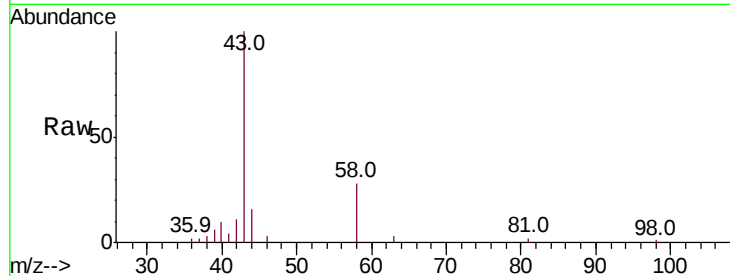
DB8B0

Tot Ion: 43 Resp: 12016

Ion Ratio Lower Upper

43 100

58 32.8 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU032553.D (-364) (-)

Ion 58.00 (57.70 to 58.70): VU032553.D (-364) (-)

2.32

8000

6000

4000

2000

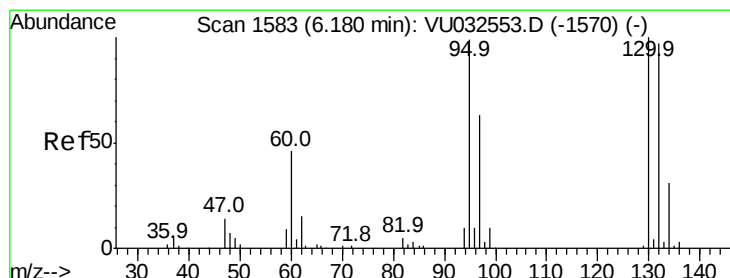
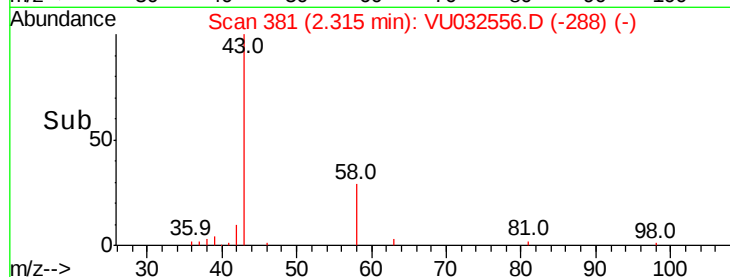
0

Time-->

2.25

2.30

2.35



#34

Trichloroethene

Concen: 77.766 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

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Acq: 10 Jun 2019 11:04

Tgt Ion: 95 Resp: 118858

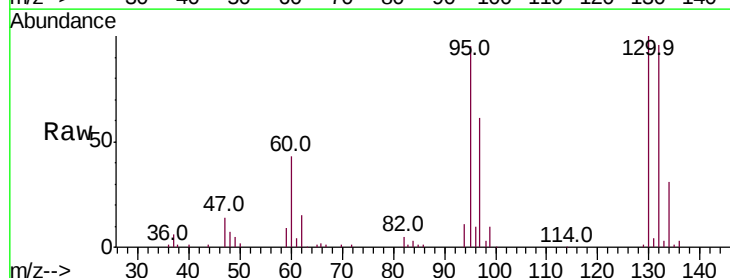
Ion Ratio Lower Upper

95 100

97 64.0 45.8 85.2

132 100.5 71.0 131.8

130 105.0 73.4 136.2



Abundance Ion 95.00 (94.70 to 95.70): VU032553.D (-1570) (-)

Ion 97.00 (96.70 to 97.70): VU032553.D (-1570) (-)

Ion 132.00 (131.70 to 132.70): VU032553.D (-1570) (-)

Ion 130.00 (129.70 to 130.70): VU032553.D (-1570) (-)

100000

80000

60000

40000

20000

0

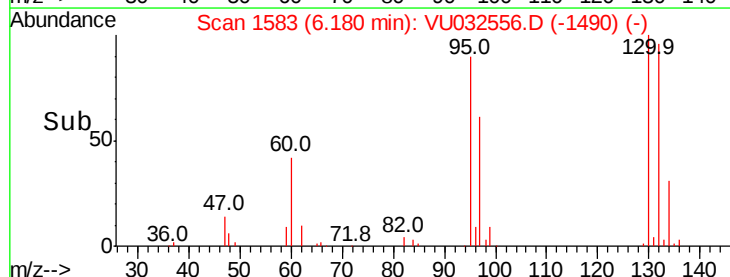
Time-->

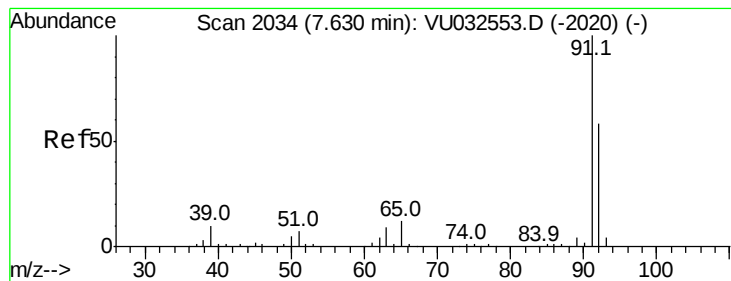
6.10

6.15

6.20

6.25





#42

Toluene

Concen: 1.378 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. 0.01 min

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Acq: 10 Jun 2019 11:04

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Tot Ion: 91 Resp: 8481

Ion Ratio Lower Upper

91 100

92 62.3 39.7 73.7

