

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051420\
 Data File : VU038171.D
 Acq On : 14 May 2020 15:55
 Operator : JC/MD
 Sample : L2634-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AG9

Quant Time: May 15 02:41:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 15 01:05:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.32	114	347340	5.00	ug/L	0.04
28) Chlorobenzene-d5	9.45	117	331939	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	156621	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.65	65	112072	3.53	ug/L	0.03
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.60%
7) Chloroethane-d5	1.97	69	100756	3.67	ug/L	0.04
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.40%
11) 1,1-Dichloroethene-d2	2.64	63	158878	2.99	ug/L	0.05
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.80%#
20) 2-Butanone-d5	4.82	46	403848	51.52	ug/L	0.13
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.04%
24) Chloroform-d	5.17	84	209228	4.34	ug/L	0.07
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
26) 1,2-Dichloroethane-d4	5.79	65	127431	4.61	ug/L	0.05
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
32) Benzene-d6	5.81	84	437985	4.40	ug/L	0.05
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
36) 1,2-Dichloropropane-d6	6.76	67	146525	4.56	ug/L	0.04
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.20%
41) Toluene-d8	7.94	98	384480	4.30	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
43) trans-1,3-Dichloropropene-	8.22	79	50470	3.92	ug/L	0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.40%
46) 2-Hexanone-d5	8.68	63	334850	55.14	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.28%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	125752	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	144108	4.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.60%

Target Compounds

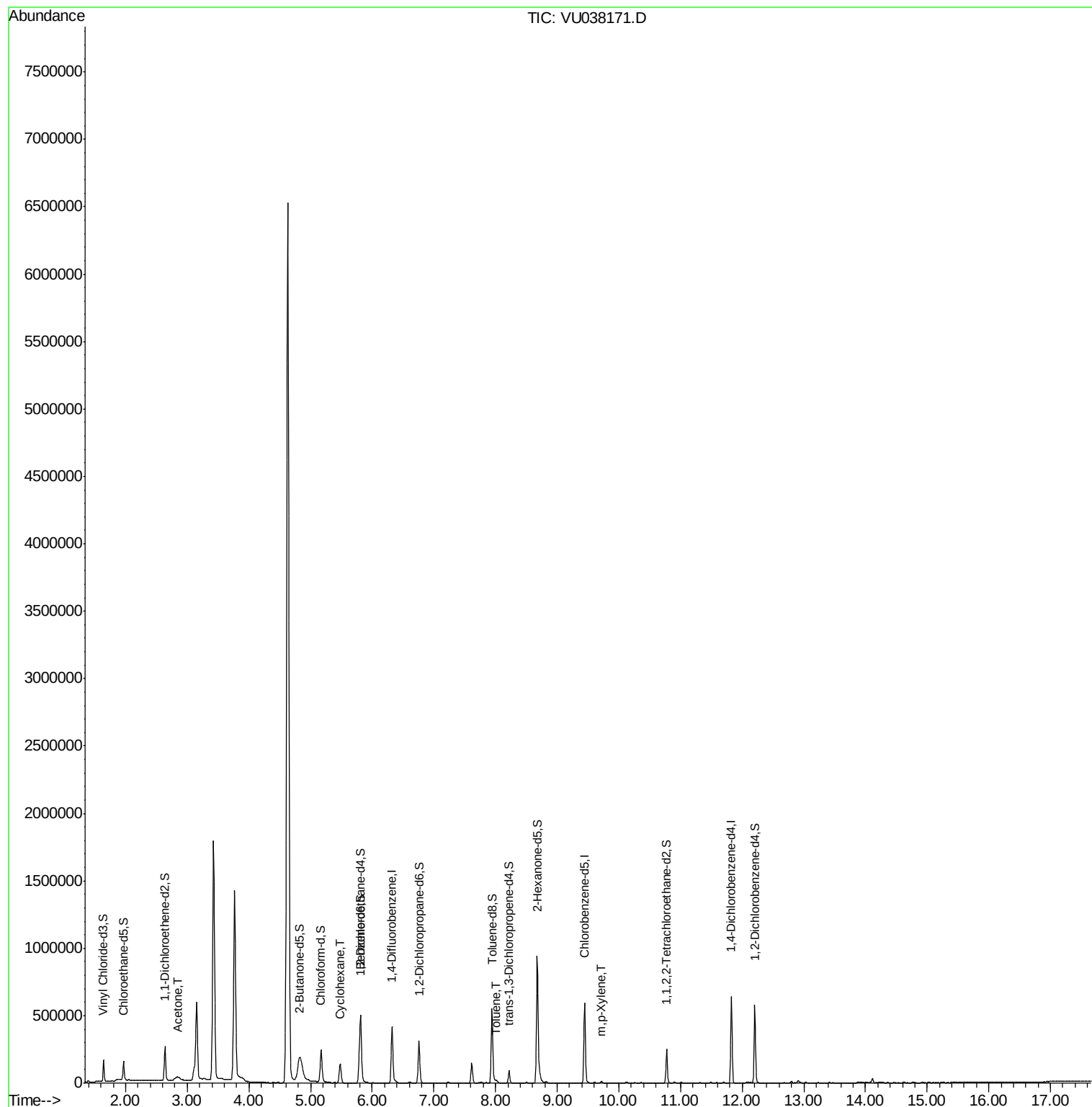
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.84	43	92570	18.823	ug/L	96
30) Cyclohexane	5.48	56	68640	1.529	ug/L	99
42) Toluene	8.01	91	11095	0.099	ug/L	90
53) m,p-Xylene	9.72	106	3884	0.083	ug/L	76

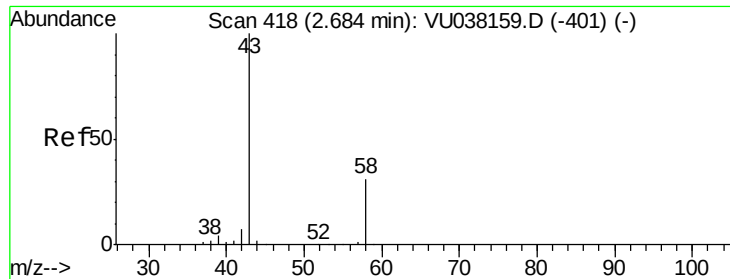
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 18.823 ug/L

RT: 2.84 min Scan# 466

Delta R.T. 0.15 min

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ClientSampleId :

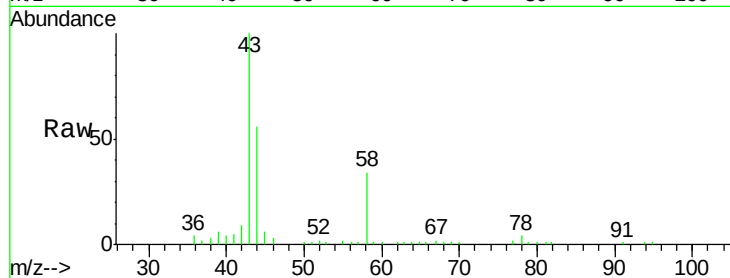
C0AG9

Tot Ion: 43 Resp: 92570

Ion Ratio Lower Upper

43 100

58 29.5 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU038171.D (-466) (-)

Ion 58.05 (57.75 to 58.75): VU038171.D (-466) (-)

2.84

15000

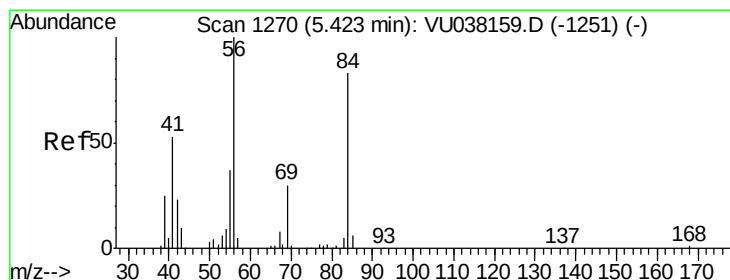
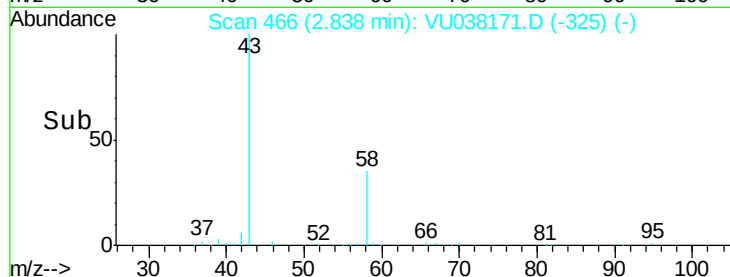
10000

5000

0

Time-->

2.70 2.80 2.90 3.00



#30

Cyclohexane

Concen: 1.529 ug/L

RT: 5.48 min Scan# 1287

Delta R.T. 0.05 min

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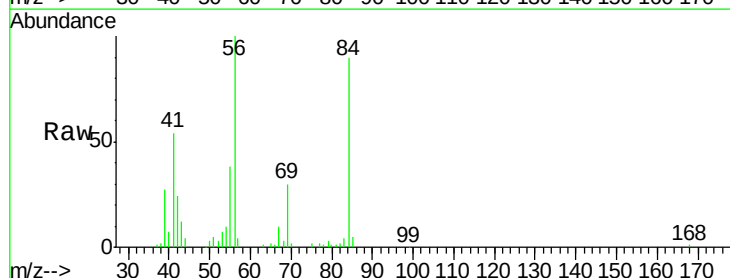
Tgt Ion: 56 Resp: 68640

Ion Ratio Lower Upper

56 100

69 30.8 24.2 36.4

84 87.1 68.5 102.7



Abundance Ion 56.10 (55.80 to 56.80): VU038171.D (-1287) (-)

Ion 69.15 (68.85 to 69.85): VU038171.D (-1287) (-)

Ion 84.15 (83.85 to 84.85): VU038171.D (-1287) (-)

5.48

40000

30000

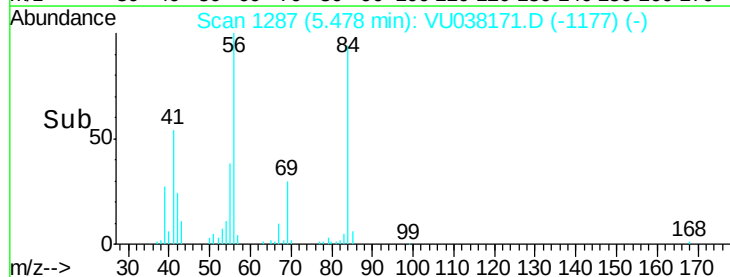
20000

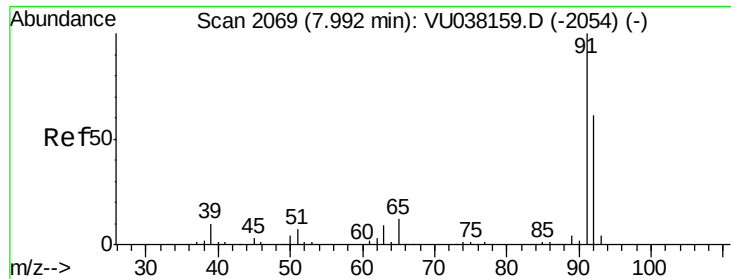
10000

0

Time-->

5.40 5.45 5.50 5.55





#42

Toluene

Concen: 0.099 ug/L

RT: 8.01 min Scan# 2074

Delta R.T. 0.02 min

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ClientSampleId :

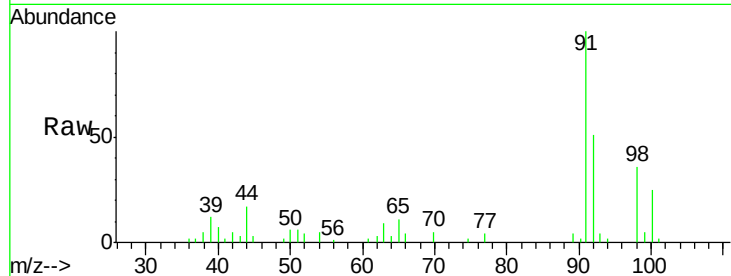
C0AG9

Tot Ion: 91 Resp: 11095

Ion Ratio Lower Upper

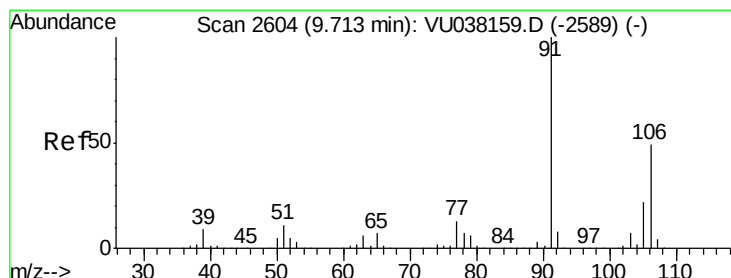
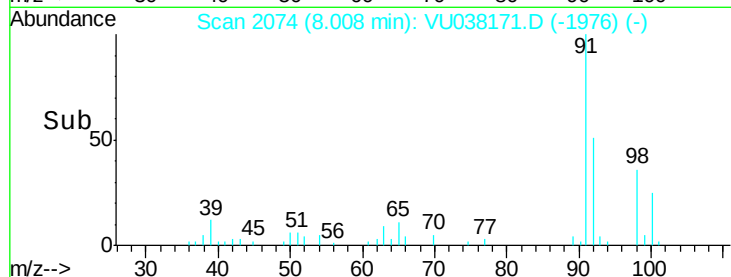
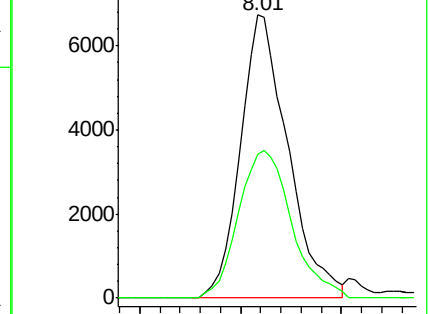
91 100

92 50.7 40.9 75.9



Abundance Ion 91.15 (90.85 to 91.85): VU038171.D (-2511) (-)

Ion 92.15 (91.85 to 92.85): VU038171.D (-2511) (-)



#53

m,p-Xylene

Concen: 0.083 ug/L

RT: 9.72 min Scan# 2606

Delta R.T. 0.01 min

Lab File: VU038171.D

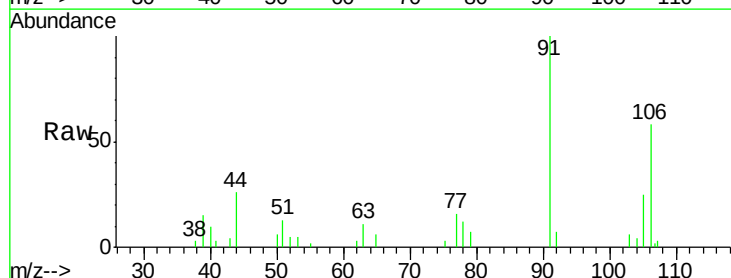
Acq: 14 May 2020 15:55

Tgt Ion: 106 Resp: 3884

Ion Ratio Lower Upper

106 100

91 166.5 142.1 263.9



Abundance Ion 106.15 (105.85 to 106.85): VU038171.D (-2511) (-)

Ion 91.15 (90.85 to 91.85): VU038171.D (-2511) (-)

