

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062320\
 Data File : VU039044.D
 Acq On : 23 Jun 2020 16:58
 Operator : SY/MD
 Sample : L3073-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9L71

Quant Time: Jun 24 08:45:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 24 01:05:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	268248	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	264105	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	112873	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	113140	5.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	115.20%
7) Chloroethane-d5	1.93	69	96366	5.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	118.80%
11) 1,1-Dichloroethene-d2	2.59	63	166505	4.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.20%
20) 2-Butanone-d5	4.67	46	398311	56.18	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.36%
24) Chloroform-d	5.10	84	205222	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.20%
26) 1,2-Dichloroethane-d4	5.74	65	131014	5.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.20%
32) Benzene-d6	5.76	84	424747	5.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	116.00%
36) 1,2-Dichloropropane-d6	6.72	67	136483	5.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.80%
41) Toluene-d8	7.92	98	339632	5.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.00%
43) trans-1,3-Dichloropropene-	8.20	79	59239	5.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	110.80%
46) 2-Hexanone-d5	8.65	63	318300	57.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.32%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	122927	5.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	125052	5.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.00%

Target Compounds

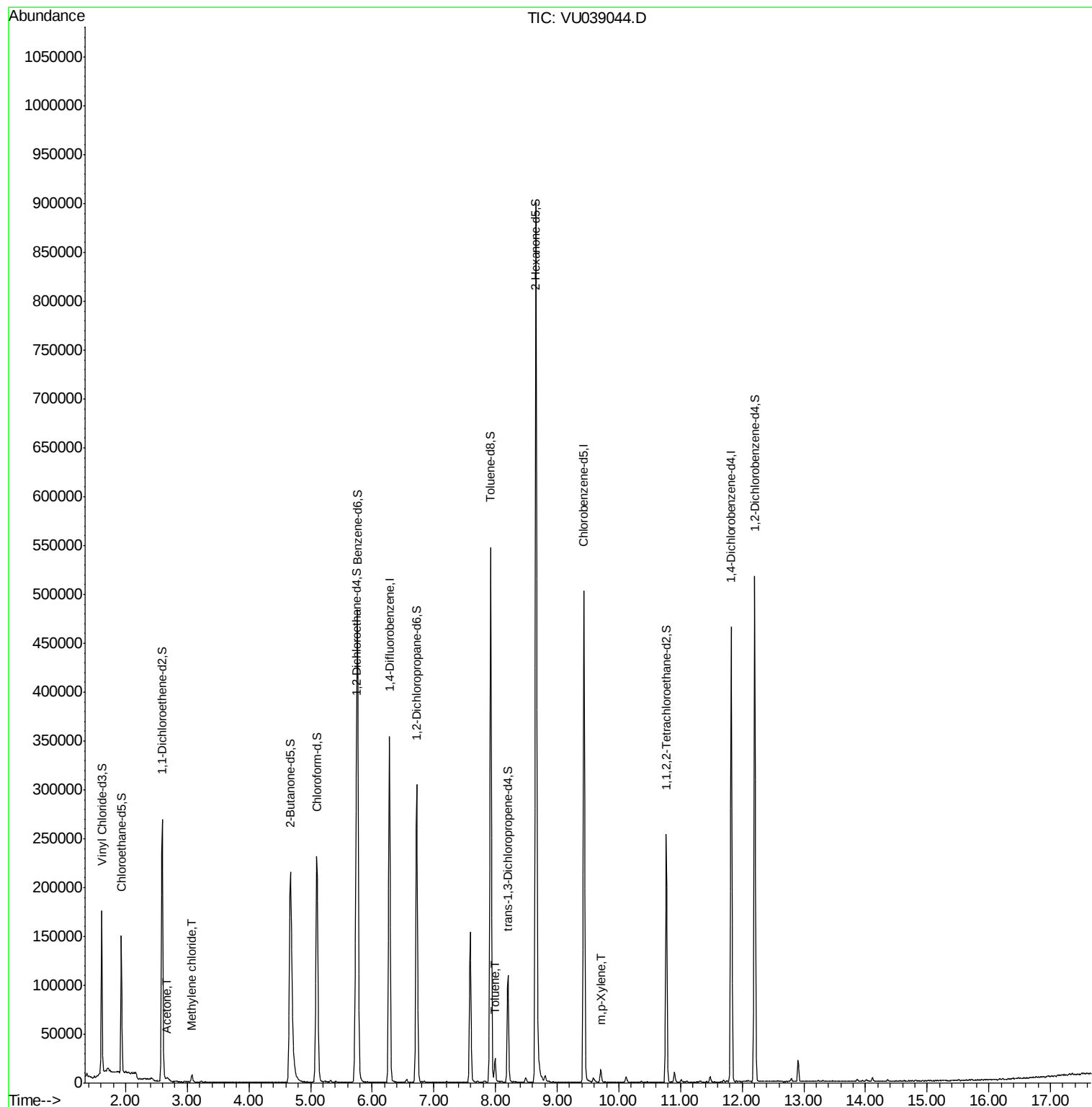
					Ovalue
13) Acetone	2.68	43	5823	1.210 ug/L	100
16) Methylene chloride	3.08	84	3067	0.134 ug/L	96
42) Toluene	7.99	91	15835	0.192 ug/L	97
53) m,p-Xylene	9.71	106	3430	0.108 ug/L	92

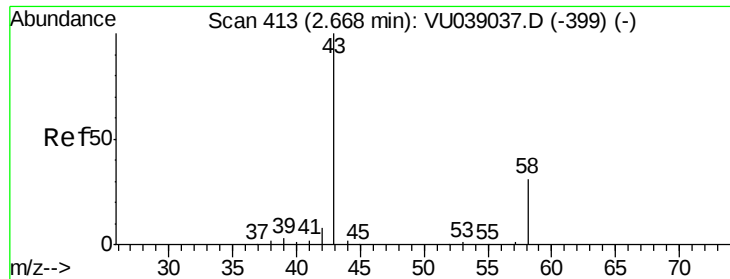
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.210 ug/L

RT: 2.68 min Scan# 416

Delta R.T. 0.01 min

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ClientSampleId :

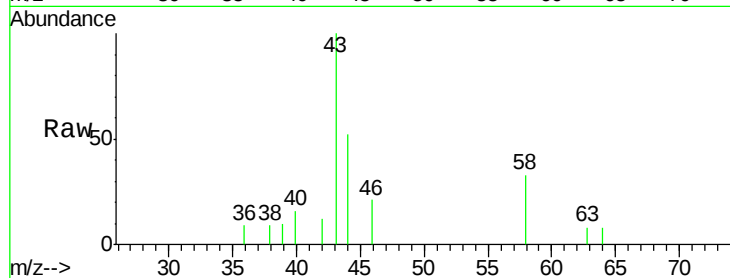
F9L71

Tot Ion: 43 Resp: 5823

Ion Ratio Lower Upper

43 100

58 32.5 0.0 64.4



Abundance Ion 43.05 (42.75 to 43.75): VU039044.D (-320) (-)

Ion 58.05 (57.75 to 58.75): VU039044.D (-320) (-)

2000

1500

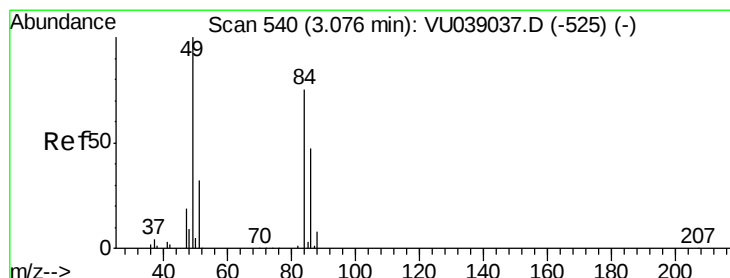
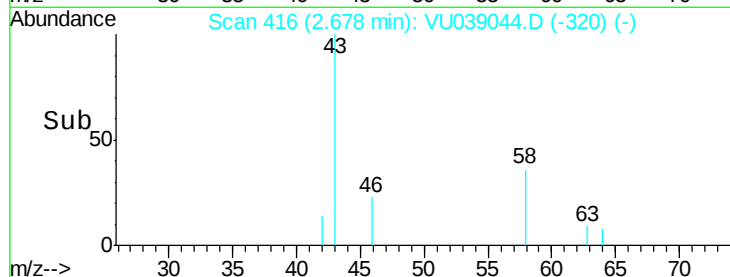
1000

500

0

2.60 2.65 2.70 2.75

Time-->



#16

Methylene chloride

Concen: 0.134 ug/L

RT: 3.08 min Scan# 540

Delta R.T. 0.00 min

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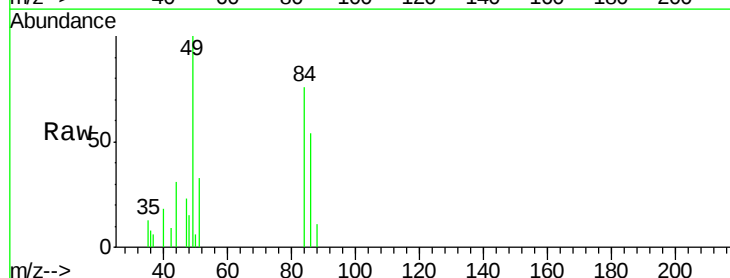
Tgt Ion: 84 Resp: 3067

Ion Ratio Lower Upper

84 100

86 70.9 44.1 81.9

49 131.1 93.1 172.9



Abundance Ion 84.05 (83.75 to 84.75): VU039044.D (-447) (-)

Ion 86.00 (85.70 to 86.70): VU039044.D (-447) (-)

Ion 49.10 (48.80 to 49.80): VU039044.D (-447) (-)

2500

2000

1500

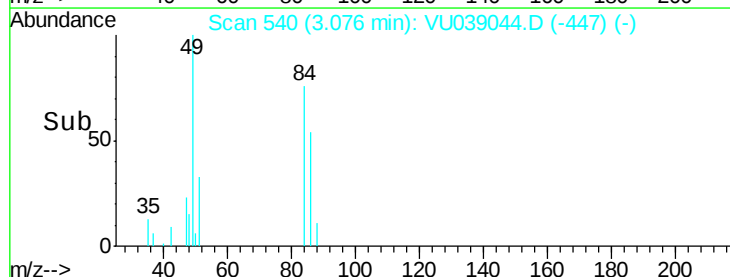
1000

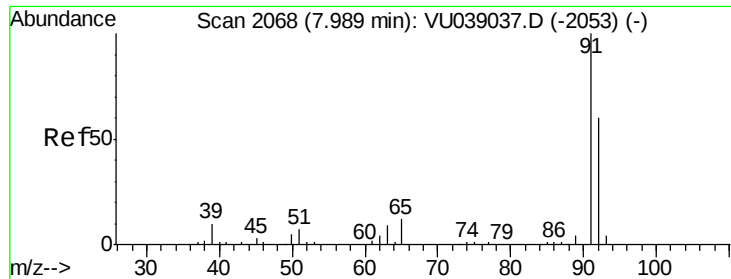
500

0

3.05 3.10

Time-->





#42

Toluene

Concen: 0.192 ug/L

RT: 7.99 min Scan# 2068

Delta R.T. 0.00 min

Lab File: VU039044.D

Acq: 23 Jun 2020 16:58

Instrument :

MSVOA_U

ClientSampleId :

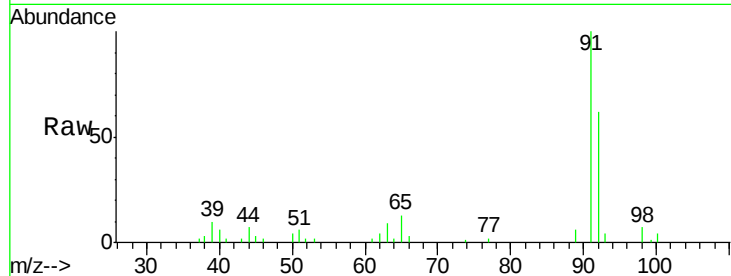
F9L71

Tot Ion: 91 Resp: 15835

Ion Ratio Lower Upper

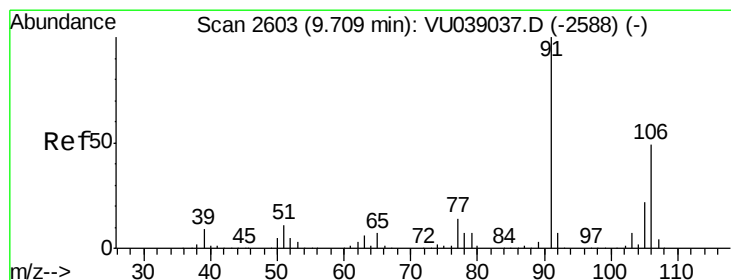
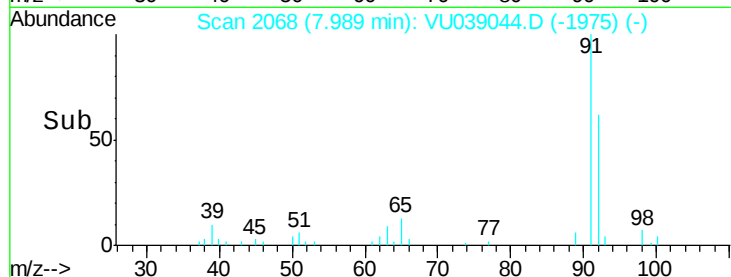
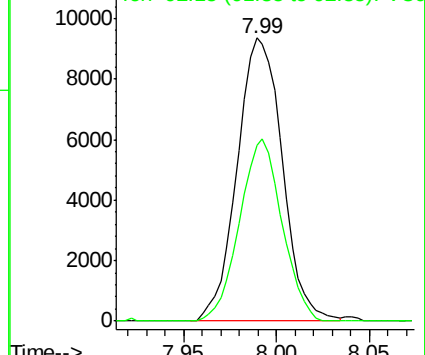
91 100

92 62.0 42.1 78.1



Abundance Ion 91.15 (90.85 to 91.85): VU039037.D (-2053) (-)

Ion 92.15 (91.85 to 92.85): VU039037.D (-2053) (-)



#53

m,p-Xylene

Concen: 0.108 ug/L

RT: 9.71 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VU039044.D

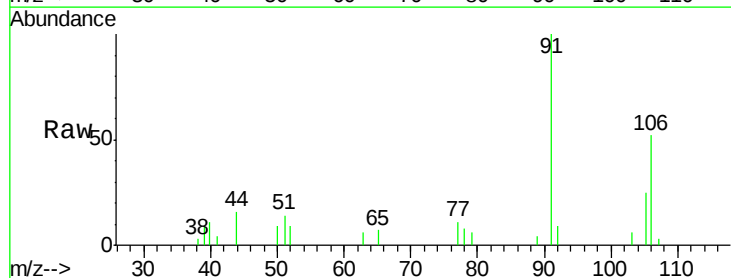
Acq: 23 Jun 2020 16:58

Tgt Ion: 106 Resp: 3430

Ion Ratio Lower Upper

106 100

91 192.4 143.6 266.8



Abundance Ion 106.15 (105.85 to 106.85): VU039037.D (-2588) (-)

Ion 91.15 (90.85 to 91.85): VU039037.D (-2588) (-)

