

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031620\
 Data File : VU037301.D
 Acq On : 16 Mar 2020 18:40
 Operator : JC/MD
 Sample : L1923-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0NG4

Quant Time: Mar 17 02:22:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 17 01:33:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	125302	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	125552	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	55359	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	30602	4.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.80%
7) Chloroethane-d5	1.93	69	29437	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.00%
11) 1,1-Dichloroethene-d2	2.59	63	47049	3.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.60%
20) 2-Butanone-d5	4.67	46	105208	53.34	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.68%
24) Chloroform-d	5.11	84	74856	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
26) 1,2-Dichloroethane-d4	5.74	65	45560	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	5.76	84	135596	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
36) 1,2-Dichloropropane-d6	6.72	67	43319	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.92	98	119572	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
43) trans-1,3-Dichloropropene-	8.20	79	18104	4.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.20%
46) 2-Hexanone-d5	8.66	63	82929	47.86	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.72%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	37066	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	46584	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%

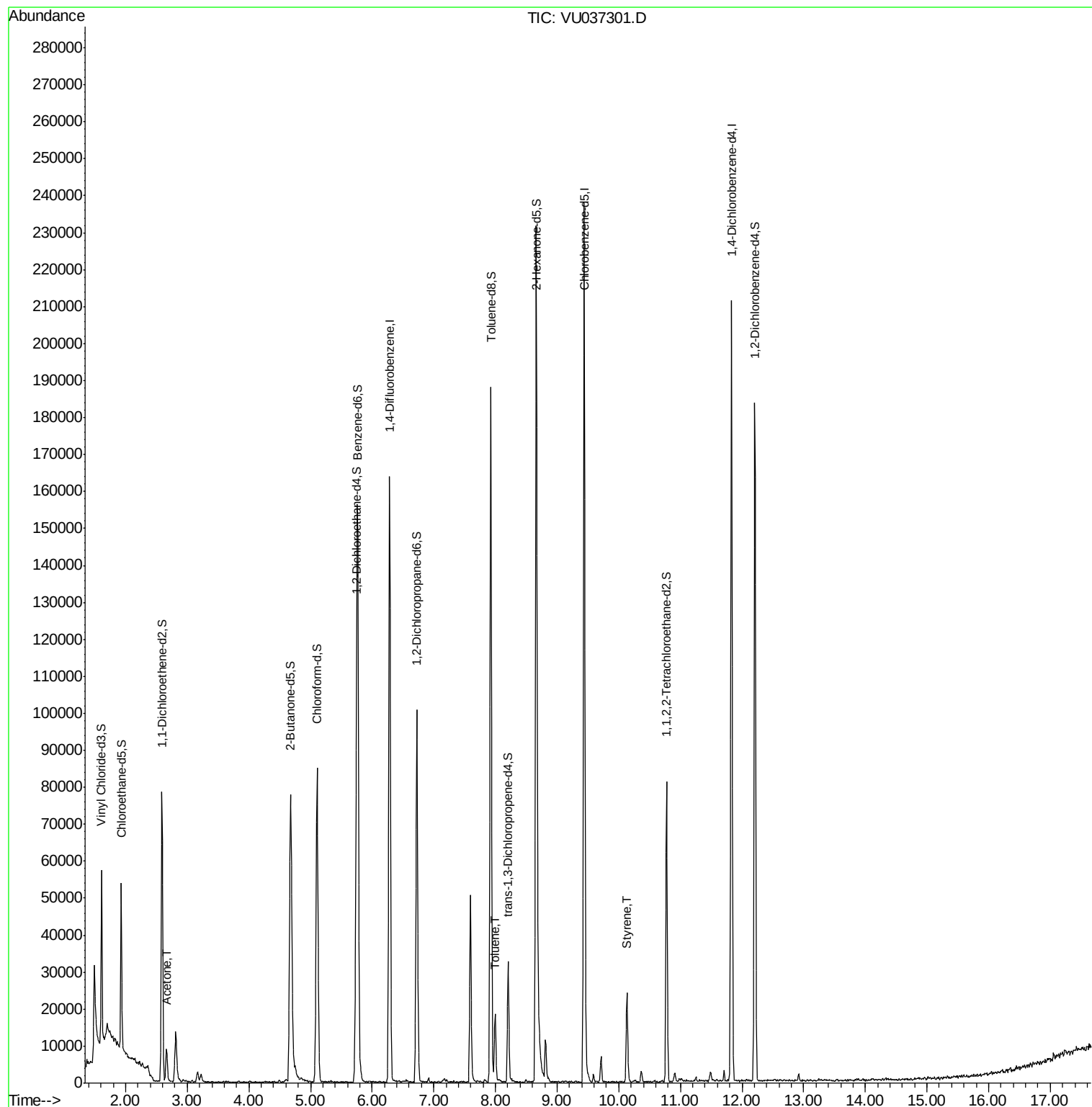
Target Compounds					Ovalue
13) Acetone	2.66	43	10983	6.584 ug/L	95
42) Toluene	8.00	91	12646	0.311 ug/L	96
55) Styrene	10.13	104	11879	0.436 ug/L	97

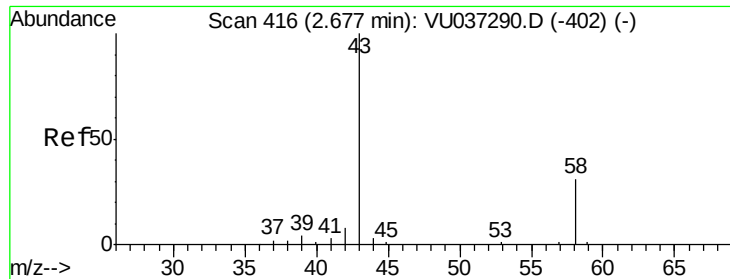
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.584 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.01 min

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Acq: 16 Mar 2020 18:40

Instrument :

MSVOA_U

ClientSampleId :

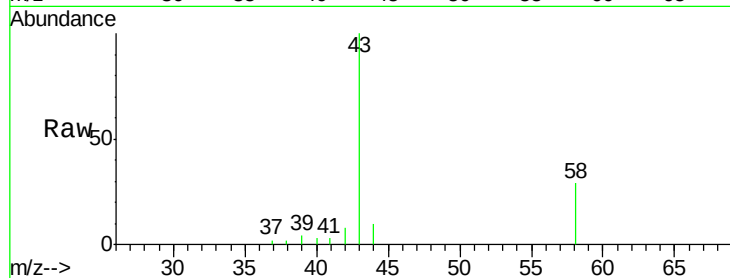
C0NG4

Tot Ion: 43 Resp: 10983

Ion Ratio Lower Upper

43 100

58 31.4 0.0 58.0



Abundance Ion 43.05 (42.75 to 43.75): VU037290.D (-402) (-)

Ion 58.05 (57.75 to 58.75): VU037290.D (-402) (-)

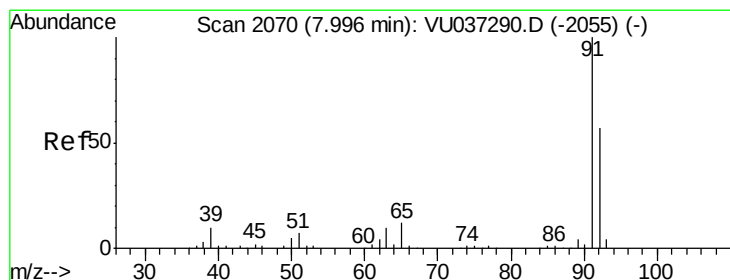
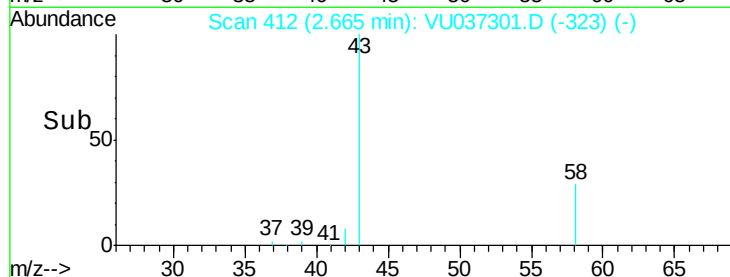
2.66

4000

2000

0

Time-->



#42

Toluene

Concen: 0.311 ug/L

RT: 8.00 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VU037301.D

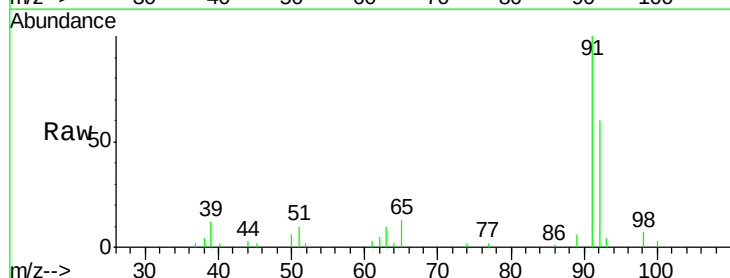
Acq: 16 Mar 2020 18:40

Tgt Ion: 91 Resp: 12646

Ion Ratio Lower Upper

91 100

92 59.6 39.8 73.8



Abundance Ion 91.15 (90.85 to 91.85): VU037290.D (-2055) (-)

Ion 92.15 (91.85 to 92.85): VU037290.D (-2055) (-)

8.00

8000

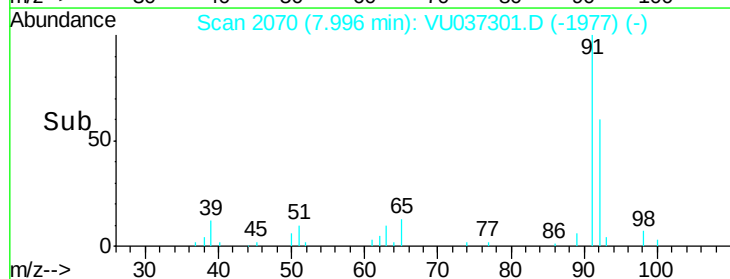
6000

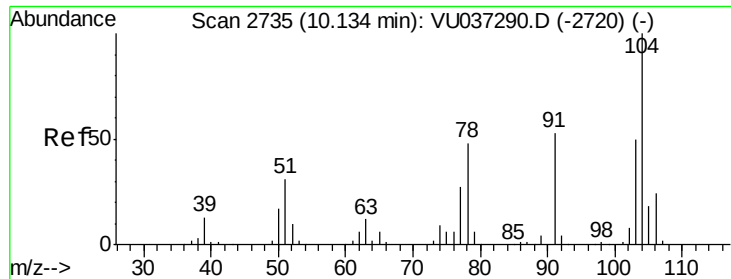
4000

2000

0

Time-->





#55

Stvrene

Concen: 0.436 ug/L

RT: 10.13 min Scan# 2735

Delta R.T. 0.00 min

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Acq: 16 Mar 2020 18:40

Instrument :

MSVOA_U

ClientSampleId :

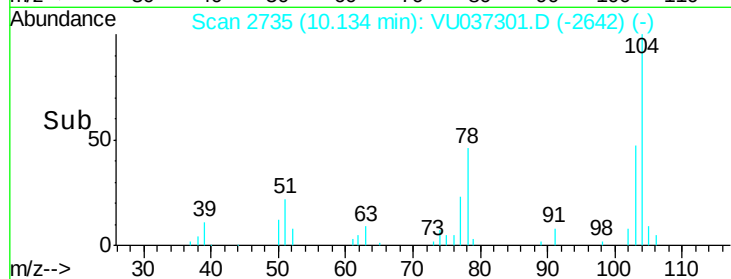
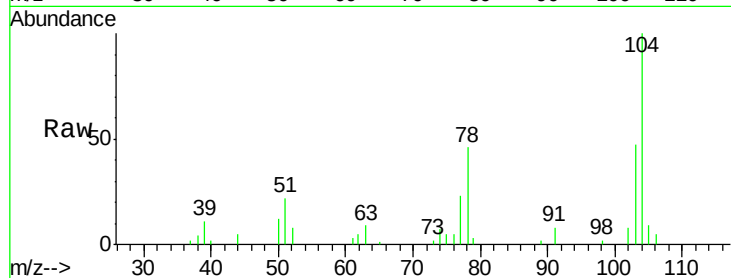
C0NG4

Tot Ion:104 Resp: 11879

Ion Ratio Lower Upper

104 100

78 45.8 33.6 62.4



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VU0

