

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031320\
 Data File : VU037244.D
 Acq On : 13 Mar 2020 16:06
 Operator : JC/MD
 Sample : L1923-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0NG4

Quant Time: Mar 14 01:00:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Mar 14 00:24:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	124840	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	124737	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	54629	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	37013	4.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.20%
7) Chloroethane-d5	1.93	69	33374	5.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	115.20%
11) 1,1-Dichloroethene-d2	2.59	63	55581	3.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.80%
20) 2-Butanone-d5	4.67	46	105595	50.36	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.72%
24) Chloroform-d	5.11	84	76630	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	5.74	65	46363	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.76	84	143585	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.73	67	47036	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.92	98	130506	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloropropene-	8.20	79	19267	4.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.40%
46) 2-Hexanone-d5	8.66	63	81775	49.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.14%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	38227	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	48948	5.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.80%

Target Compounds

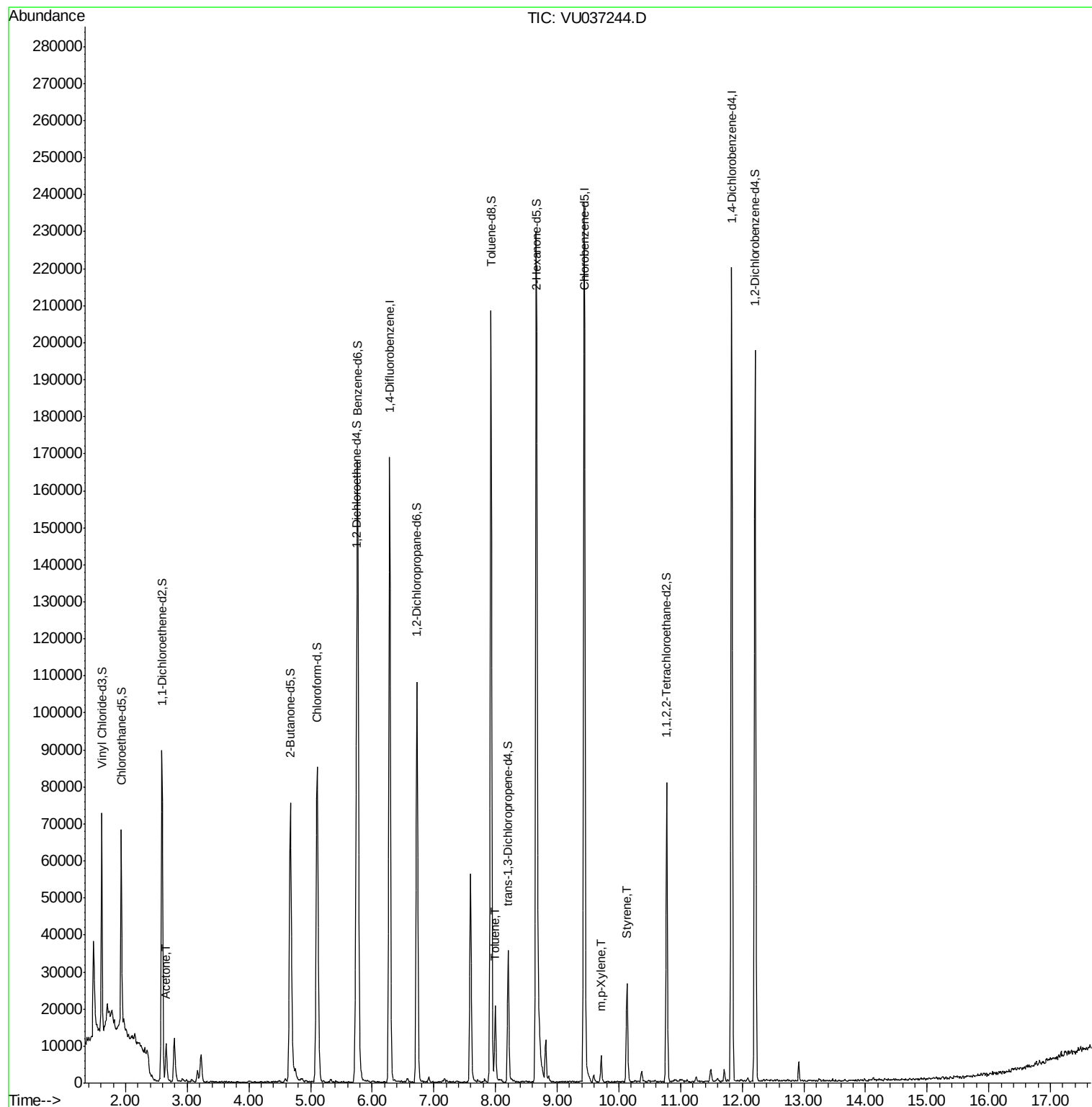
					Ovalue
13) Acetone	2.66	43	12255	7.132	ug/L 97
42) Toluene	8.00	91	13198	0.333	ug/L 97
53) m,p-Xylene	9.71	106	1971	0.125	ug/L 91
55) Styrene	10.13	104	11966	0.475	ug/L 85

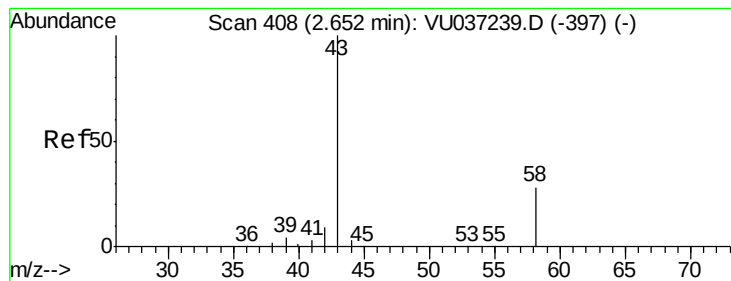
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.132 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU037244.D

Acq: 13 Mar 2020 16:06

Instrument :

MSVOA_U

ClientSampleId :

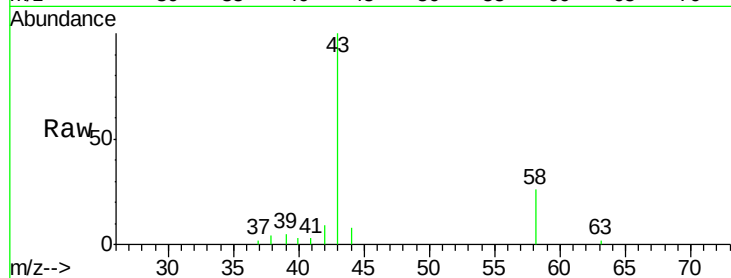
C0NG4

Tot Ion: 43 Resp: 12255

Ion Ratio Lower Upper

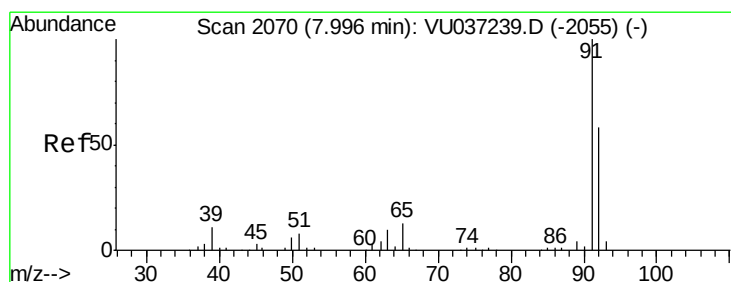
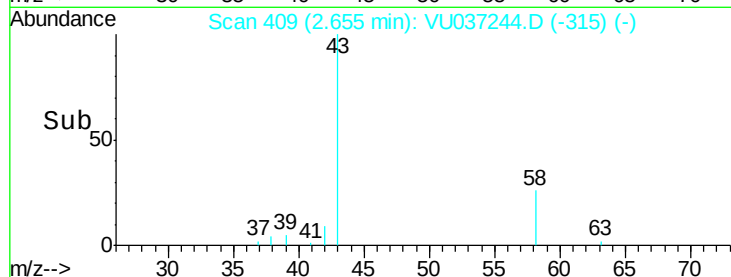
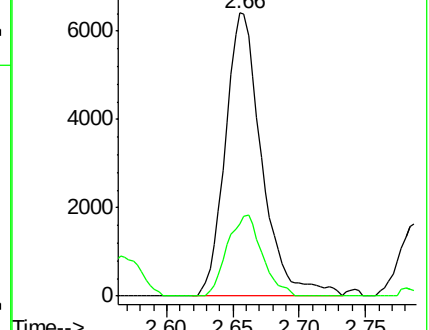
43 100

58 27.4 0.0 52.2



Abundance Ion 43.05 (42.75 to 43.75): VU037239.D (-397) (-)

Ion 58.05 (57.75 to 58.75): VU037239.D (-397) (-)



#42

Toluene

Concen: 0.333 ug/L

RT: 8.00 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VU037244.D

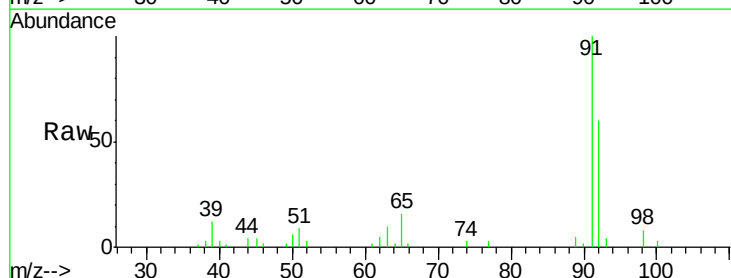
Acq: 13 Mar 2020 16:06

Tgt Ion: 91 Resp: 13198

Ion Ratio Lower Upper

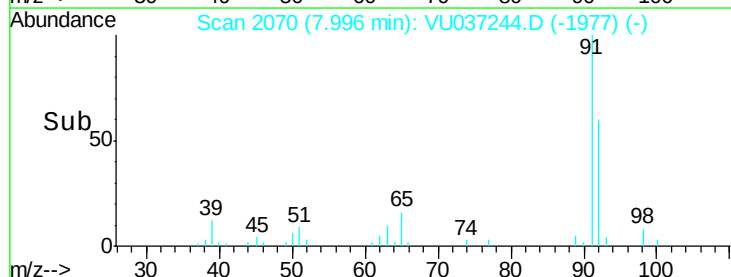
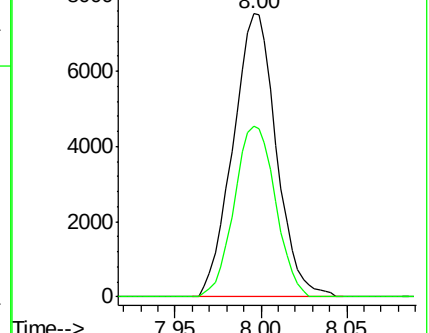
91 100

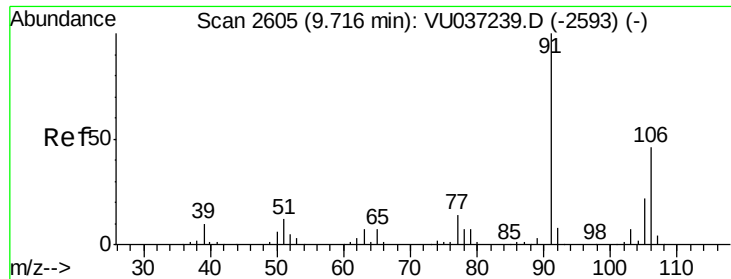
92 60.5 41.0 76.2



Abundance Ion 91.15 (90.85 to 91.85): VU037239.D (-2055) (-)

Ion 92.15 (91.85 to 92.85): VU037239.D (-2055) (-)





#53

m,p-Xylene

Concen: 0.125 ug/L

RT: 9.71 min Scan# 2604

Delta R.T. -0.00 min

Lab File: VU037244.D

Acq: 13 Mar 2020 16:06

Instrument :

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ClientSampleId :

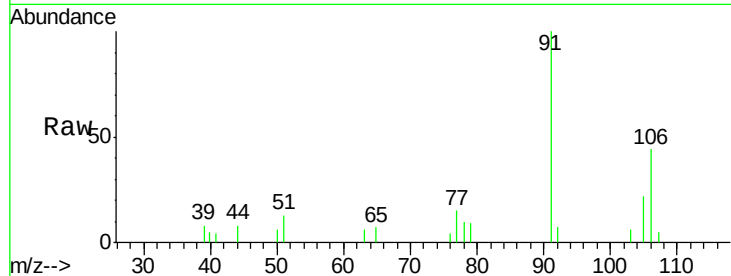
C0NG4

Tot Ion:106 Resp: 1971

Ion Ratio Lower Upper

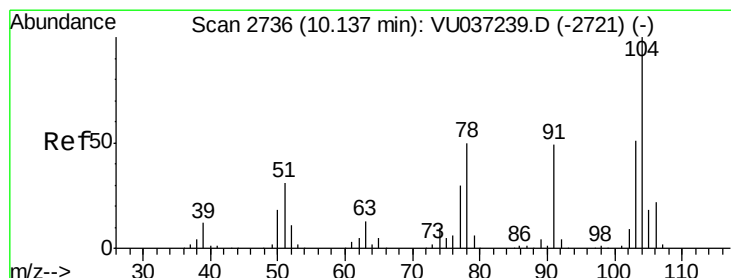
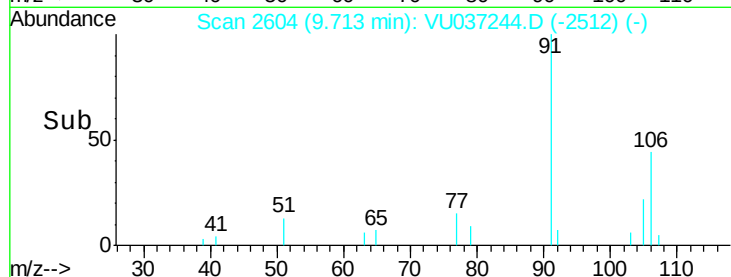
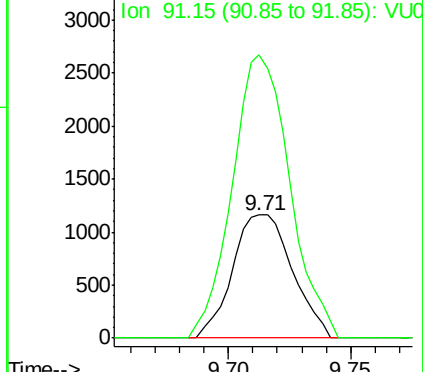
106 100

91 229.7 150.4 279.4



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#55

Styrene

Concen: 0.475 ug/L

RT: 10.13 min Scan# 2735

Delta R.T. -0.00 min

Lab File: VU037244.D

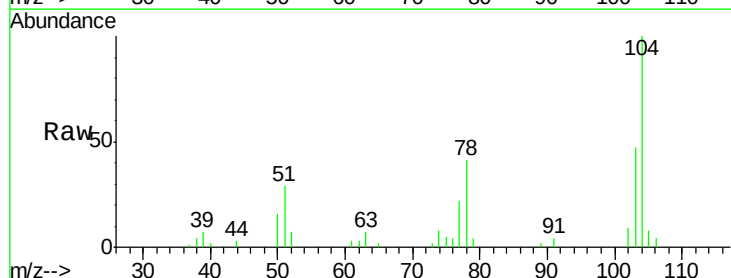
Acq: 13 Mar 2020 16:06

Tgt Ion:104 Resp: 11966

Ion Ratio Lower Upper

104 100

78 41.2 36.2 67.2



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VU0

