

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU012920\
 Data File : VU036603.D
 Acq On : 29 Jan 2020 19:21
 Operator : JC/MD
 Sample : L1271-05
 Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GASZ6

Quant Time: Feb 10 02:21:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 30 02:48:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	306339	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	304055	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	163183	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	85042	37.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.12%
7) Chloroethane-d5	1.89	69	21044	10.69	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	21.38%#
11) 1,1-Dichloroethene-d2	2.56	63	111552	30.07	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.14%
21) 2-Butanone-d5	4.69	46	113070	83.02	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.02%
24) Chloroform-d	5.11	84	151392	40.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.58%
26) 1,2-Dichloroethane-d4	5.74	65	98122	41.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.80%
32) Benzene-d6	5.76	84	355275	41.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.08%
36) 1,2-Dichloropropane-d6	6.73	67	112649	42.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.54%
41) Toluene-d8	7.93	98	347689	42.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.50%
43) trans-1,3-Dichloropropene-	8.21	79	54901	43.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.62%
47) 2-Hexanone-d5	8.68	63	138796	112.30	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.30%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	183339	46.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.58%
64) 1,2-Dichlorobenzene-d4	12.22	152	145060	41.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.86%

Target Compounds

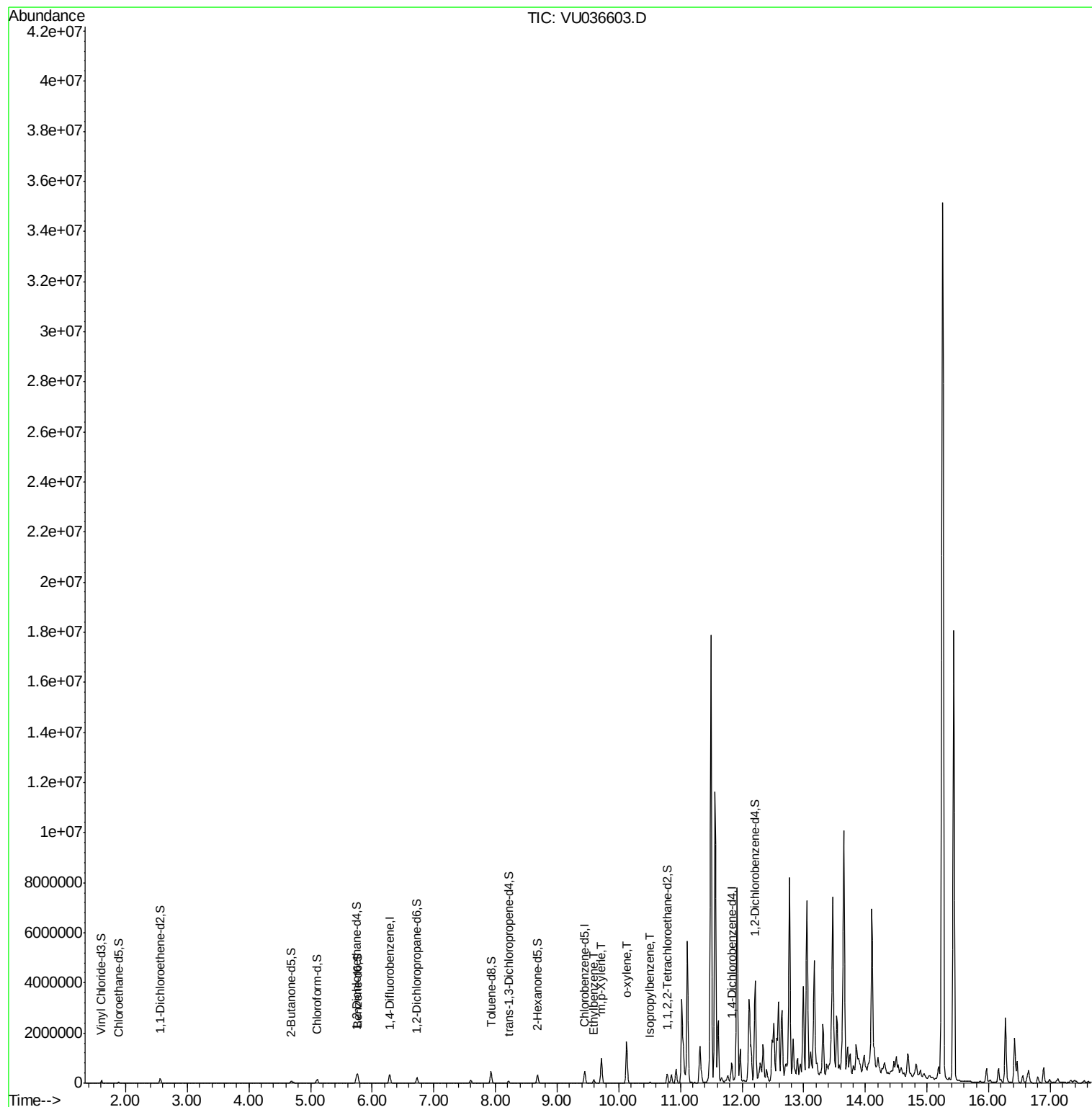
					Ovalue
52) Ethylbenzene	9.60	91	101983	9.422 ug/L	98
53) m,p-Xylene	9.72	106	302180	71.577 ug/L	99
54) o-xylene	10.13	106	485087	115.192 ug/L	99
56) Isopropylbenzene	10.51	105	30059	2.807 ug/L	97

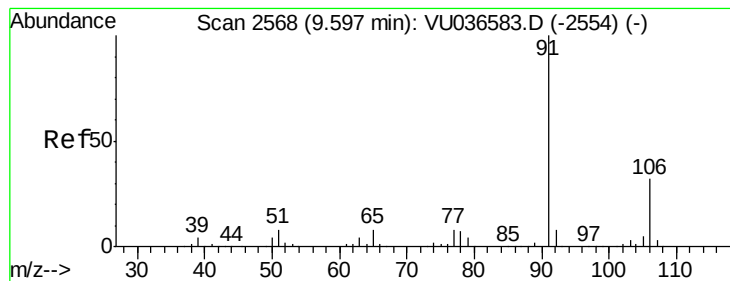
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#52

Ethylbenzene

Concen: 9.422 ug/L

RT: 9.60 min Scan# 2568

Delta R.T. 0.00 min

Lab File: VU036603.D

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Instrument :

MSVOA_U

ClientSampleId :

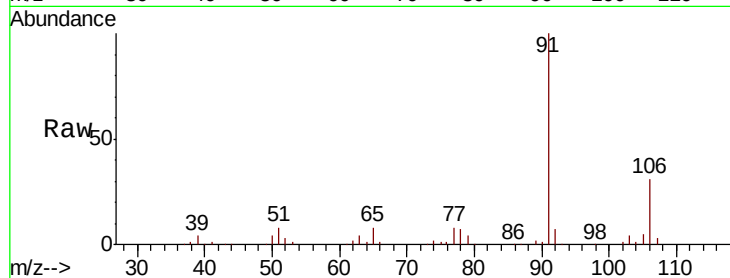
GASZ6

Tot Ion: 91 Resp: 101983

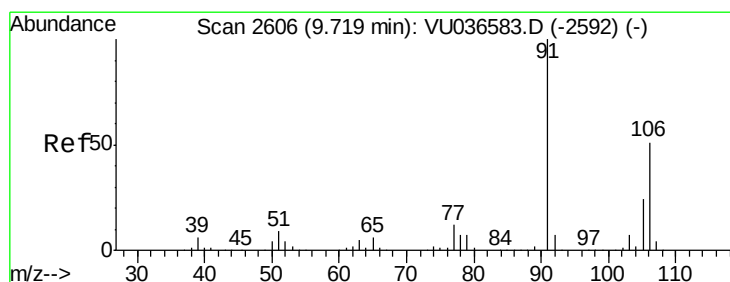
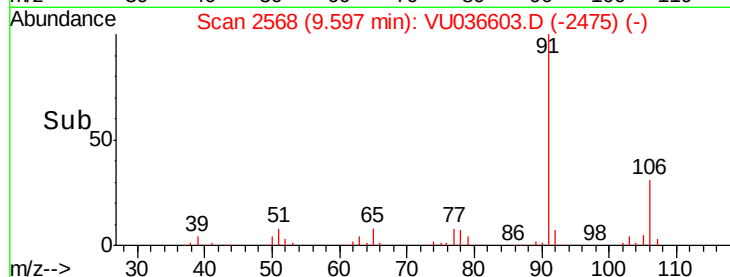
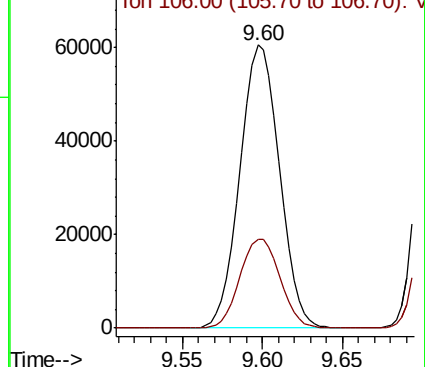
Ion Ratio Lower Upper

91 100

106 31.4 22.6 42.0



Abundance Ion 91.00 (90.70 to 91.70): VU036603.D (-2475) (-)



#53

m,p-Xylene

Concen: 71.577 ug/L

RT: 9.72 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VU036603.D

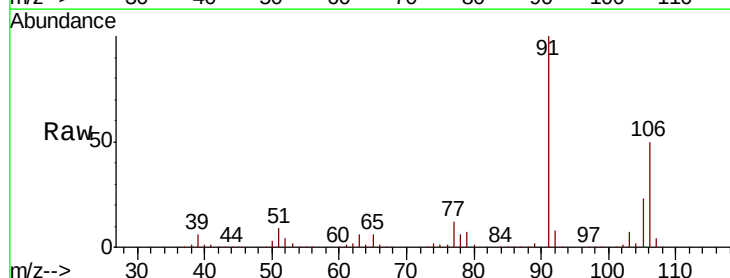
Acq: 29 Jan 2020 19:21

Tgt Ion: 106 Resp: 302180

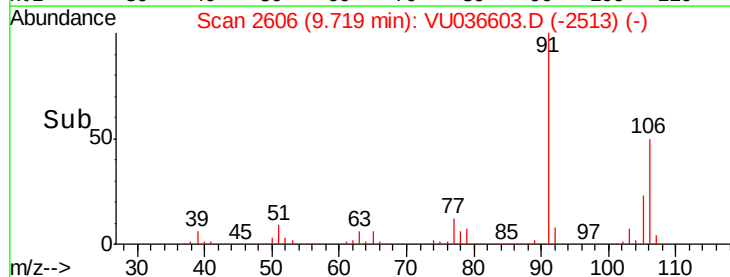
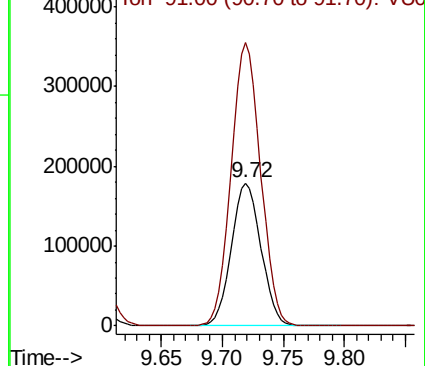
Ion Ratio Lower Upper

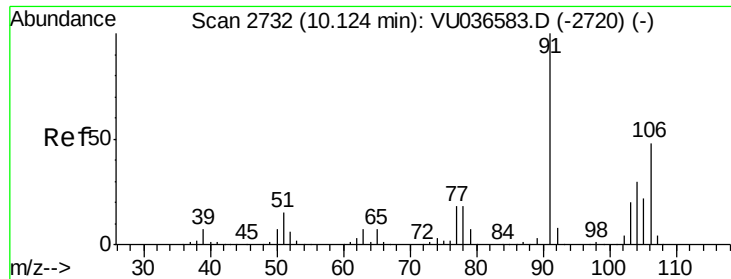
106 100

91 198.1 139.4 259.0



Abundance Ion 106.00 (105.70 to 106.70): VU036603.D (-2513) (-)

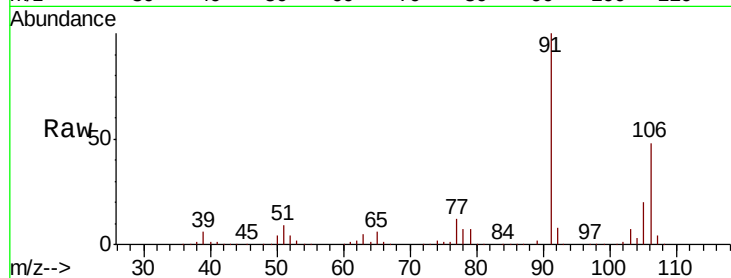




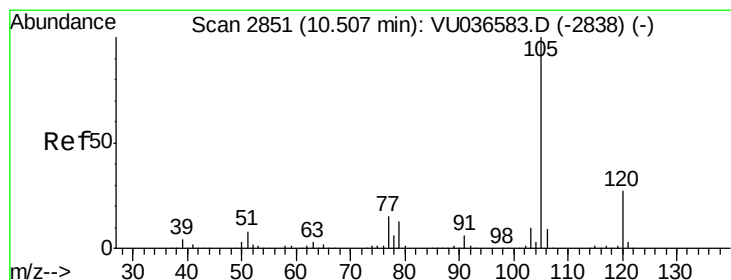
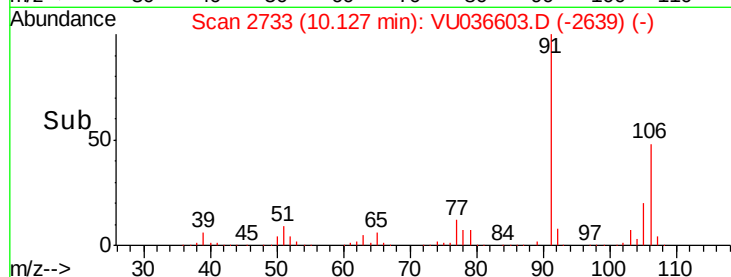
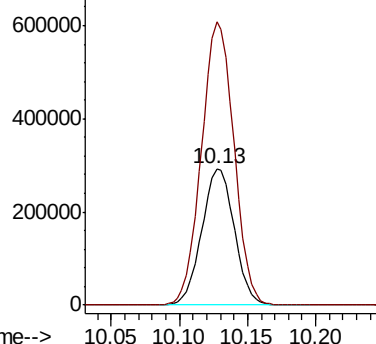
#54
o-xylene
Concen: 115.192 ug/L
RT: 10.13 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU036603.D
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Instrument :
MSVOA_U
ClientSampleId :
GASZ6

Tot Ion:106 Resp: 485087
Ion Ratio Lower Upper
106 100
91 207.0 145.9 271.1

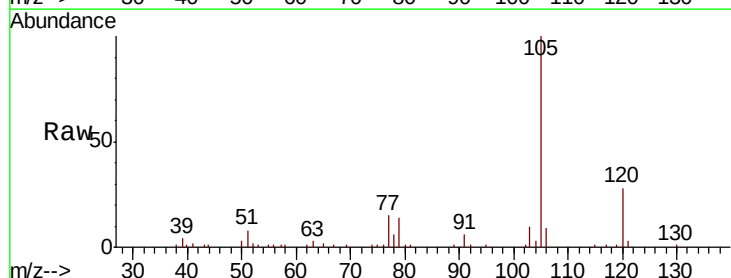


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0



#56
Isopropylbenzene
Concen: 2.807 ug/L
RT: 10.51 min Scan# 2852
Delta R.T. 0.00 min
Lab File: VU036603.D
Acq: 29 Jan 2020 19:21

Tgt Ion:105 Resp: 30059
Ion Ratio Lower Upper
105 100
120 28.0 21.6 32.4
77 16.6 11.8 17.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V
Ion 77.00 (76.70 to 77.70): VU0

