

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU012920\
 Data File : VU036592.D
 Acq On : 29 Jan 2020 14:40
 Operator : JC/MD
 Sample : L1271-06 20X
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GASZ7

Quant Time: Jan 30 03:50:44 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	308874	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	289687	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	148068	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	103849	44.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.78%
7) Chloroethane-d5	1.93	69	90794	45.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.48%
11) 1,1-Dichloroethene-d2	2.59	63	134571	35.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.96%
21) 2-Butanone-d5	4.68	46	143850	104.76	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.76%
24) Chloroform-d	5.11	84	172499	45.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.06%
26) 1,2-Dichloroethane-d4	5.75	65	111810	47.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.70%
32) Benzene-d6	5.77	84	399811	49.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.12%
36) 1,2-Dichloropropane-d6	6.73	67	124931	49.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.40%
41) Toluene-d8	7.93	98	385588	49.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.36%
43) trans-1,3-Dichloropropene-	8.21	79	58157	48.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.30%
47) 2-Hexanone-d5	8.66	63	131855	111.97	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.97%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	182742	48.95	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.90%
64) 1,2-Dichlorobenzene-d4	12.21	152	155260	48.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.72%

Target Compounds

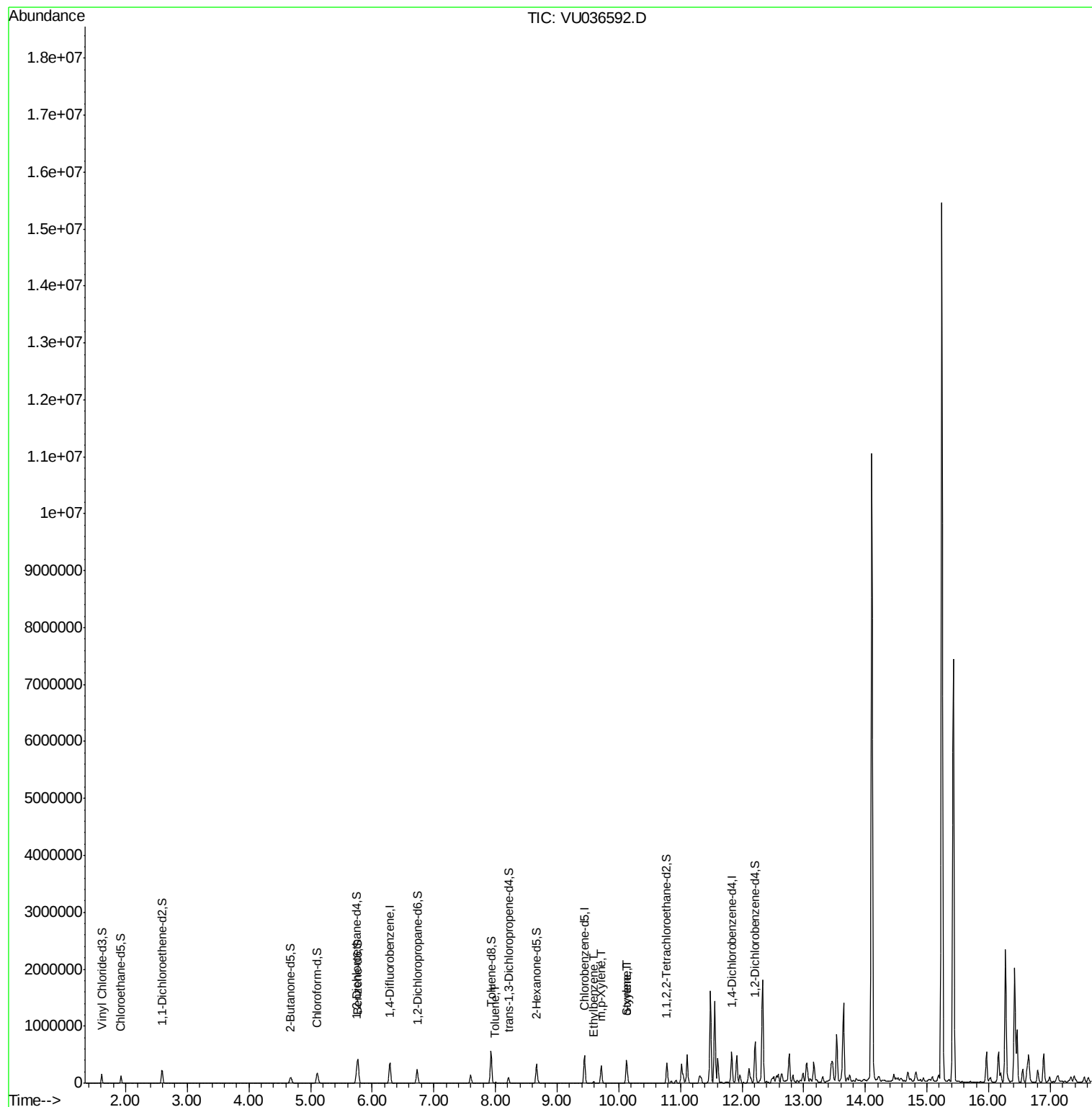
					Ovalue
42) Toluene	8.00	91	12209	1.297 ug/L	96
52) Ethylbenzene	9.60	91	20834	2.020 ug/L	95
53) m,p-Xylene	9.72	106	89131	22.159 ug/L	96
54) o-xylene	10.12	106	95225	23.734 ug/L	100
55) Styrene	10.14	104	70924	10.893 ug/L	91

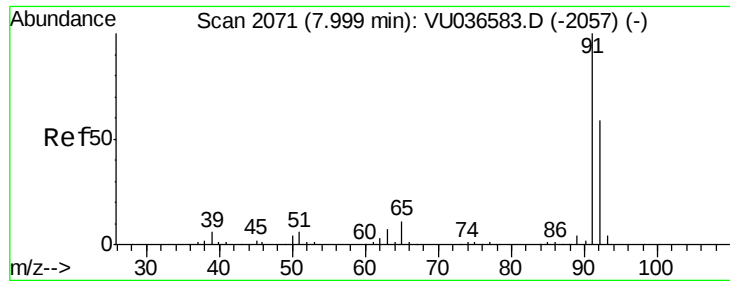
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jan 30 02:48:11 2020
Response via : Initial Calibration





#42

Toluene

Concen: 1.297 ug/L

RT: 8.00 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VU036592.D

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ClientSampleId :

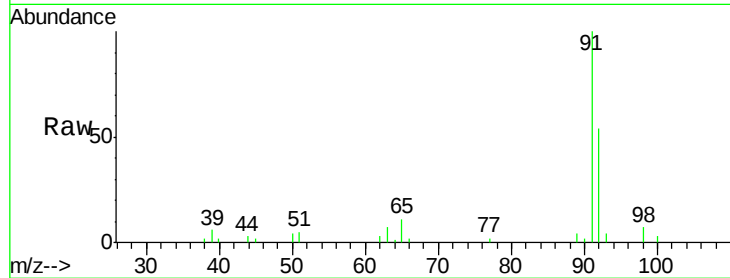
GASZ7

Tot Ion: 91 Resp: 12209

Ion Ratio Lower Upper

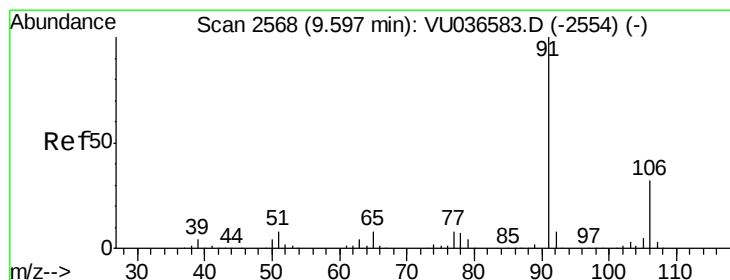
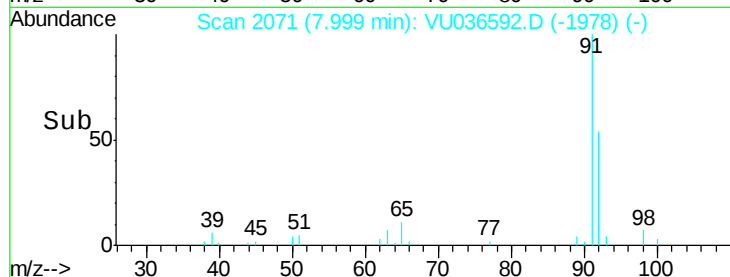
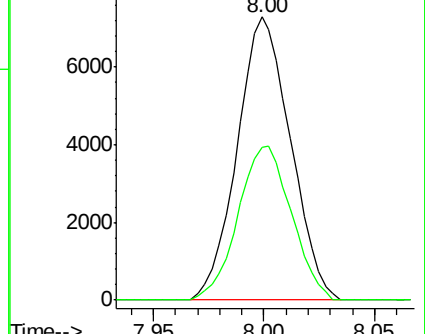
91 100

92 54.0 39.9 74.1



Abundance Ion 91.00 (90.70 to 91.70): VU036583.D (-2057) (-)

Ion 92.00 (91.70 to 92.70): VU036583.D (-2057) (-)



#52

Ethylbenzene

Concen: 2.020 ug/L

RT: 9.60 min Scan# 2568

Delta R.T. 0.00 min

Lab File: VU036592.D

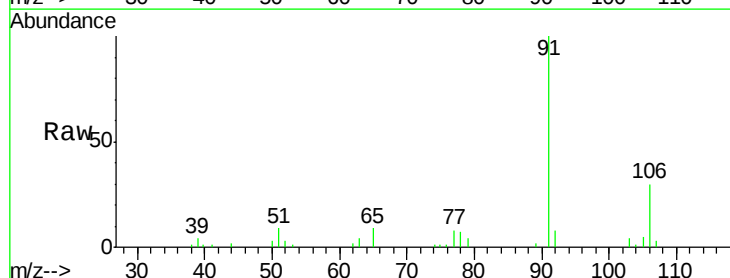
Acq: 29 Jan 2020 14:40

Tgt Ion: 91 Resp: 20834

Ion Ratio Lower Upper

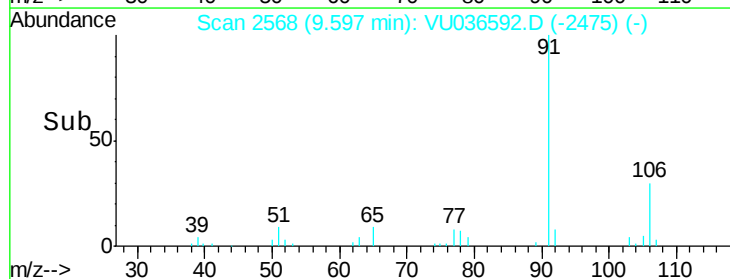
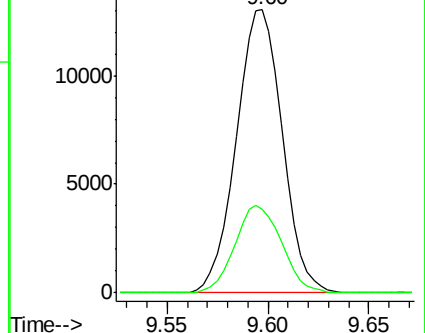
91 100

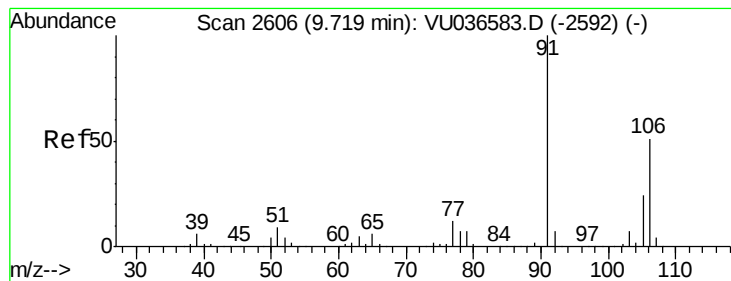
106 29.6 22.6 42.0



Abundance Ion 91.00 (90.70 to 91.70): VU036583.D (-2554) (-)

Ion 106.00 (105.70 to 106.70): VU036583.D (-2554) (-)





#53

m,p-Xylene

Concen: 22.159 ug/L

RT: 9.72 min Scan# 2605

Delta R.T. -0.00 min

Lab File: VU036592.D

Acq: 29 Jan 2020 14:40

Instrument :

MSVOA_U

ClientSampleId :

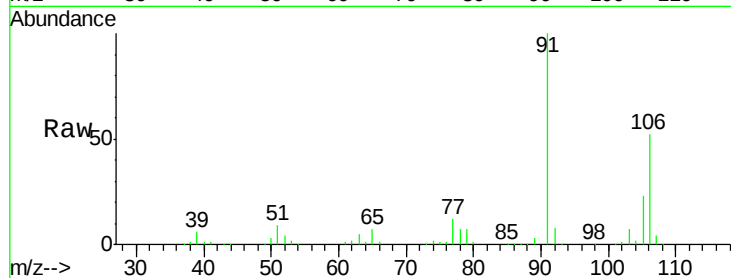
GASZ7

Tot Ion:106 Resp: 89131

Ion Ratio Lower Upper

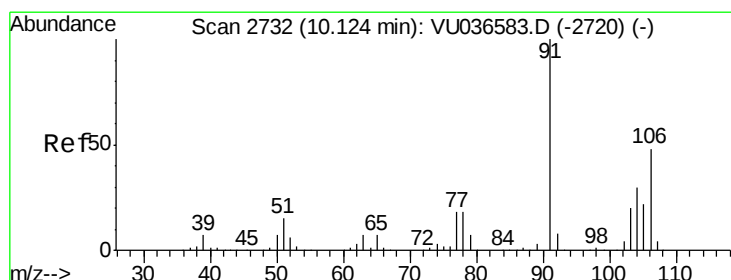
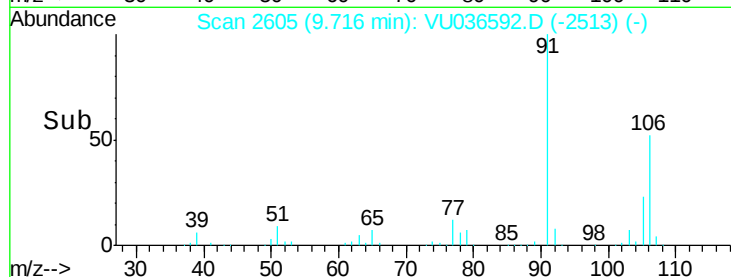
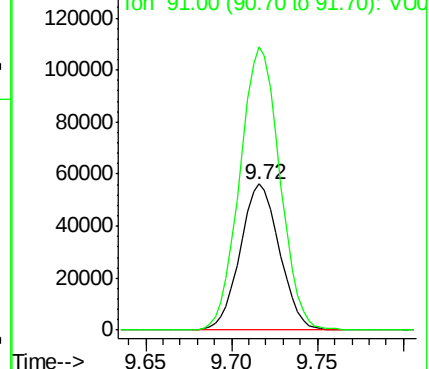
106 100

91 193.7 139.4 259.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#54

o-xylene

Concen: 23.734 ug/L

RT: 10.12 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VU036592.D

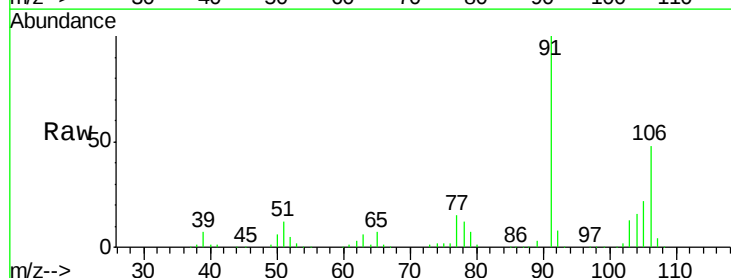
Acq: 29 Jan 2020 14:40

Tgt Ion:106 Resp: 95225

Ion Ratio Lower Upper

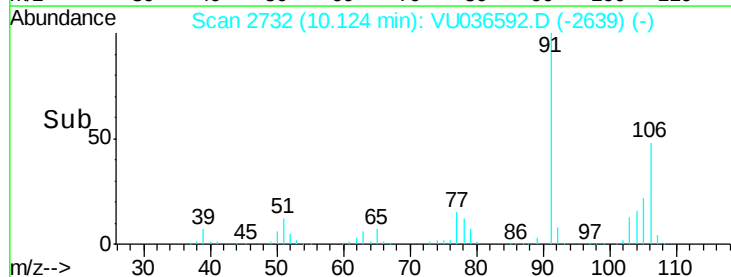
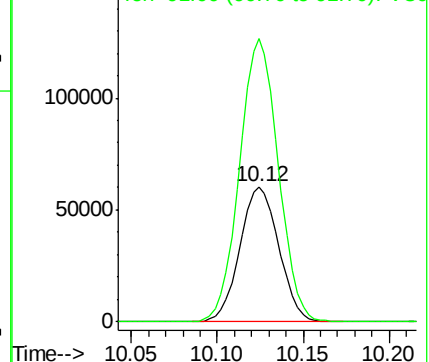
106 100

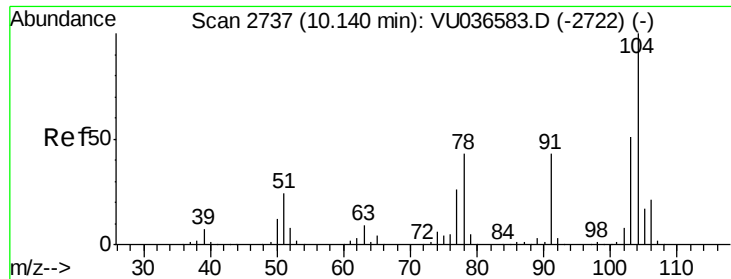
91 209.3 145.9 271.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0





#55

Stvrene

Concen: 10.893 ug/L

RT: 10.14 min Scan# 2736

Delta R.T. -0.00 min

Lab File: VU036592.D

Acq: 29 Jan 2020 14:40

Instrument :

MSVOA_U

ClientSampleId :

GASZ7

Tot Ion:104 Resp: 70924

Ion Ratio Lower Upper

104 100

78 48.8 30.1 55.9

