

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011620\
 Data File : VU036502.D
 Acq On : 16 Jan 2020 15:27
 Operator : JC/MD
 Sample : L1109-11ME 20X
 Misc : 5.09G/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GASHOME

Quant Time: Jan 16 16:29:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 16 14:24:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	649931	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	617288	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	312957	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	155892	37.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.00%
7) Chloroethane-d5	1.93	69	147759	40.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.02%
11) 1,1-Dichloroethene-d2	2.59	63	250005	30.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.80%
21) 2-Butanone-d5	4.68	46	309003	85.29	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.29%
24) Chloroform-d	5.11	84	367784	43.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.68%
26) 1,2-Dichloroethane-d4	5.74	65	250911	44.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.98%
32) Benzene-d6	5.77	84	722531	44.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.52%
36) 1,2-Dichloropropane-d6	6.73	67	236448	45.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.08%
41) Toluene-d8	7.93	98	695274	45.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.06%
43) trans-1,3-Dichloropropene-	8.21	79	123780	43.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.52%
47) 2-Hexanone-d5	8.67	63	244412	90.84	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.84%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	360946	45.70	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	277806	45.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.14%

Target Compounds

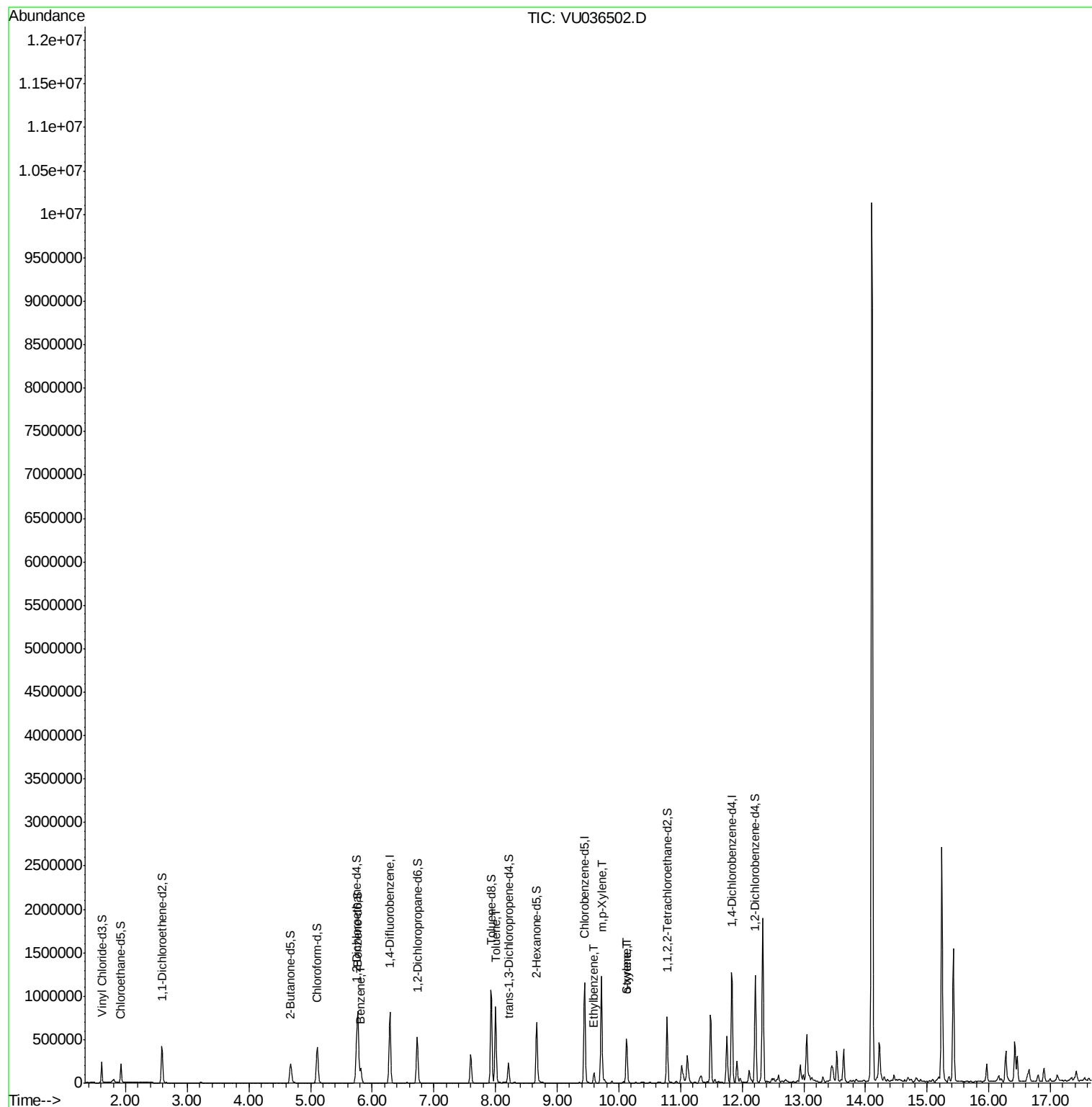
					Ovalue
33) Benzene	5.81	78	151068	8.517	ug/L 100
42) Toluene	8.00	91	640943	33.269	ug/L 99
52) Ethylbenzene	9.60	91	81610	3.793	ug/L 99
53) m,p-Xylene	9.72	106	344153	42.770	ug/L 100
54) o-xylene	10.12	106	124964	15.556	ug/L 99
55) Styrene	10.14	104	35449	2.721	ug/L # 58

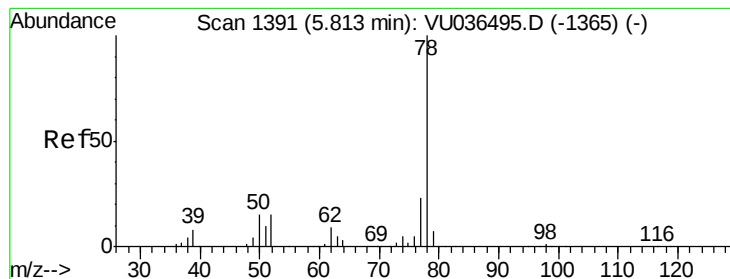
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Jan 16 14:24:21 2020
Response via : Initial Calibration





#33

Benzene

Concen: 8.517 ug/L

RT: 5.81 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VU036502.D

Acq: 16 Jan 2020 15:27

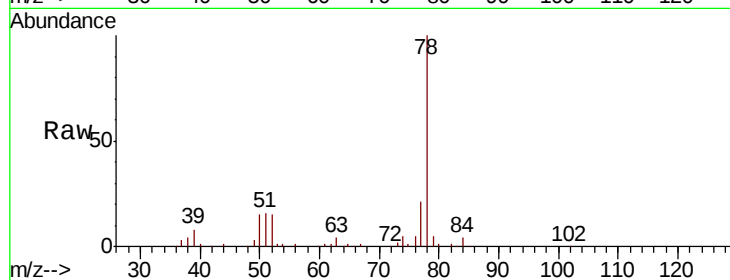
Instrument :

MSVOA_U

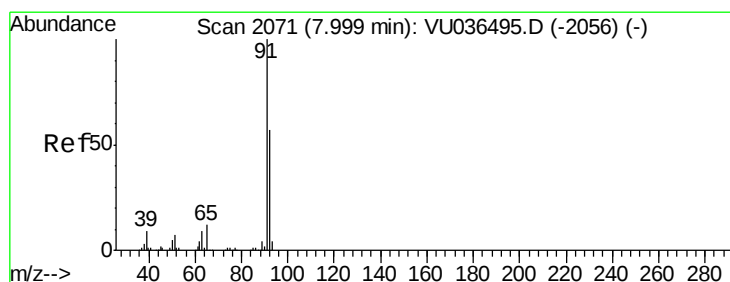
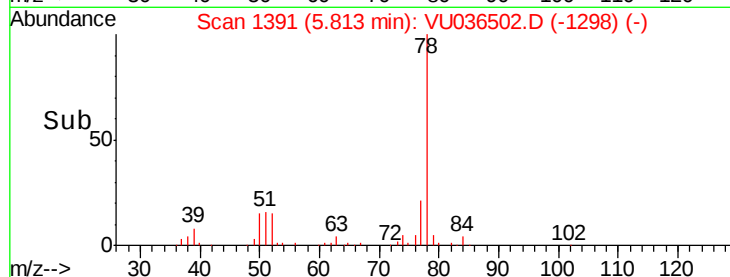
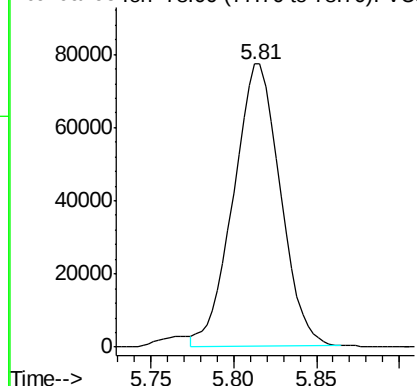
ClientSampleId :

GASHOME

Tgt Ion: 78 Resp: 151068



Abundance Ion 78.00 (77.70 to 78.70): VU0



#42

Toluene

Concen: 33.269 ug/L

RT: 8.00 min Scan# 2072

Delta R.T. 0.00 min

Lab File: VU036502.D

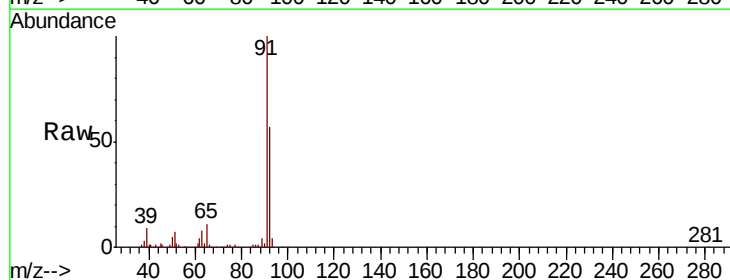
Acq: 16 Jan 2020 15:27

Tgt Ion: 91 Resp: 640943

Ion Ratio Lower Upper

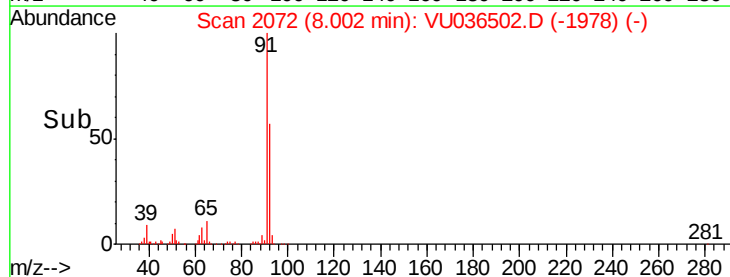
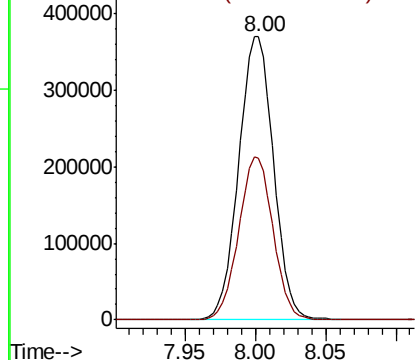
91 100

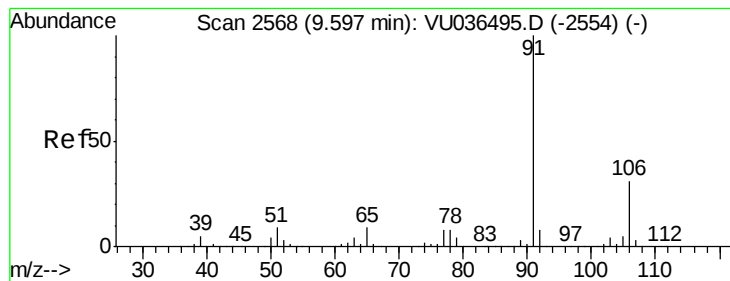
92 57.3 39.5 73.3



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0





#52

Ethylbenzene

Concen: 3.793 ug/L

RT: 9.60 min Scan# 2568

Delta R.T. 0.00 min

Lab File: VU036502.D

Acq: 16 Jan 2020 15:27

Instrument :

MSVOA_U

ClientSampleId :

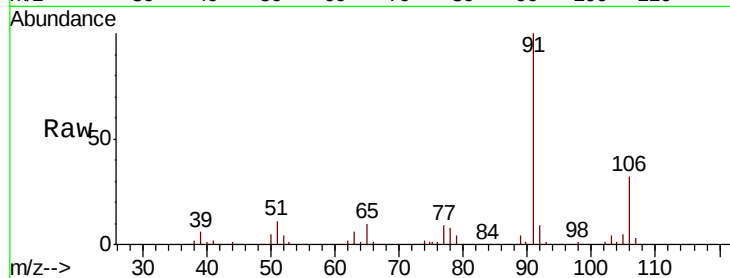
GASHOME

Tot Ion: 91 Resp: 81610

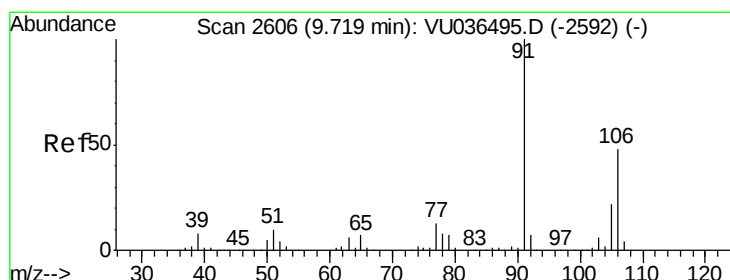
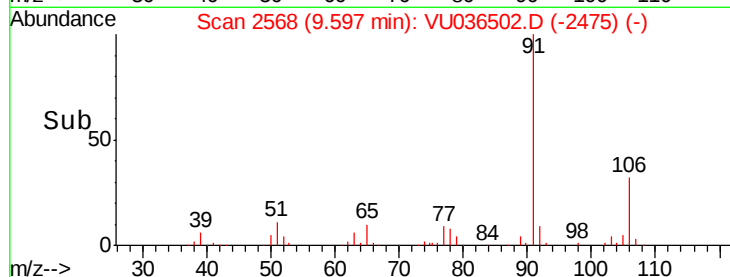
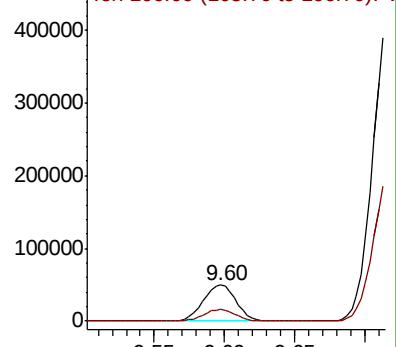
Ion Ratio Lower Upper

91 100

106 32.2 22.3 41.3



Abundance Ion 91.00 (90.70 to 91.70): VU036502.D (-2475) (-)



#53

m,p-Xylene

Concen: 42.770 ug/L

RT: 9.72 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VU036502.D

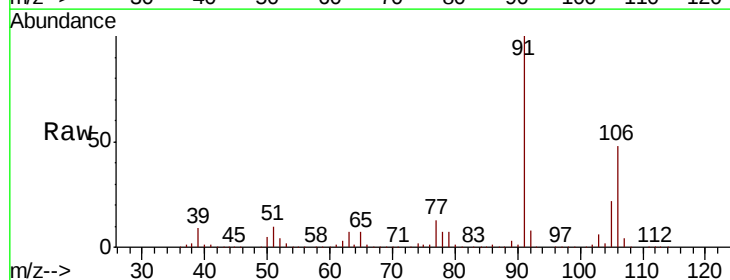
Acq: 16 Jan 2020 15:27

Tgt Ion: 106 Resp: 344153

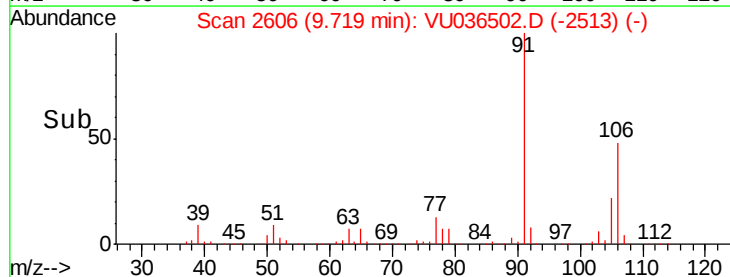
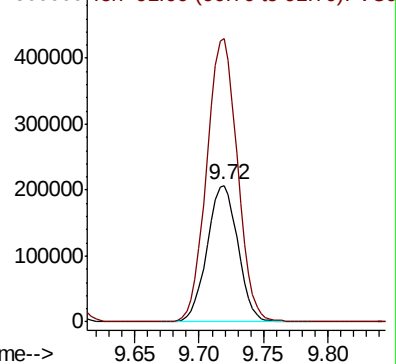
Ion Ratio Lower Upper

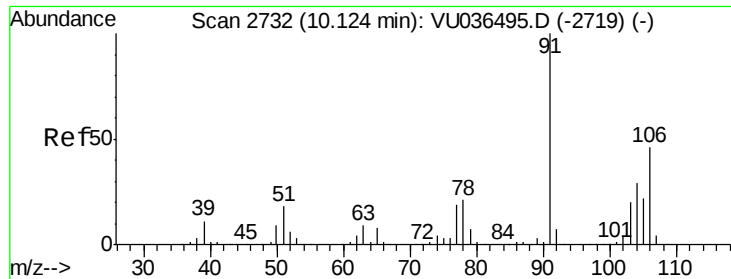
106 100

91 207.6 145.9 270.9



Abundance Ion 106.00 (105.70 to 106.70): VU036502.D (-2513) (-)

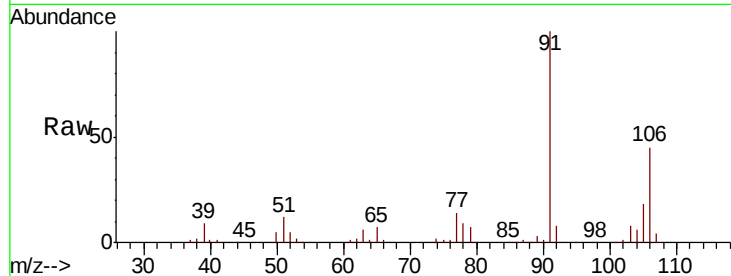




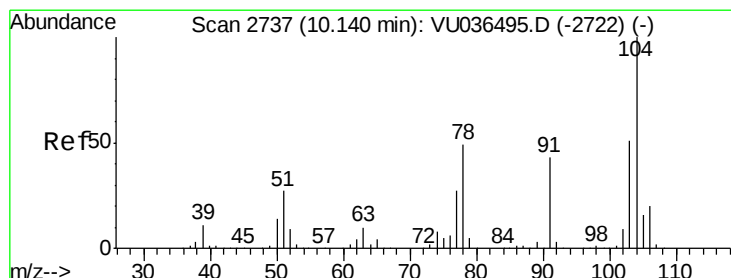
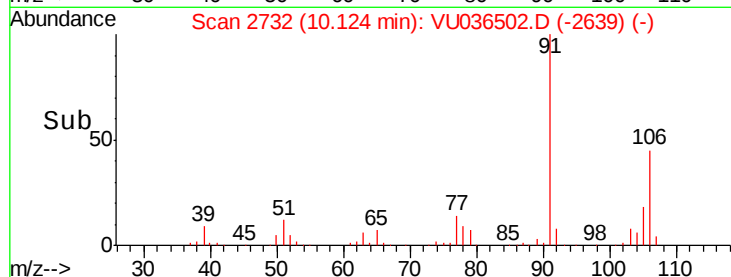
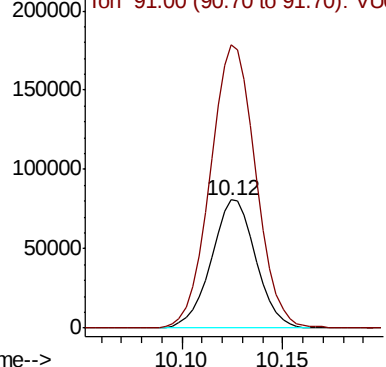
#54
o-xylene
Concen: 15.556 ug/L
RT: 10.12 min Scan# 2732
Delta R.T. 0.00 min
Lab File: VU036502.D
Acq: 16 Jan 2020 15:27

Instrument :
MSVOA_U
ClientSampleId :
GASHOME

Tot Ion:106 Resp: 124964
Ion Ratio Lower Upper
106 100
91 221.1 156.4 290.4

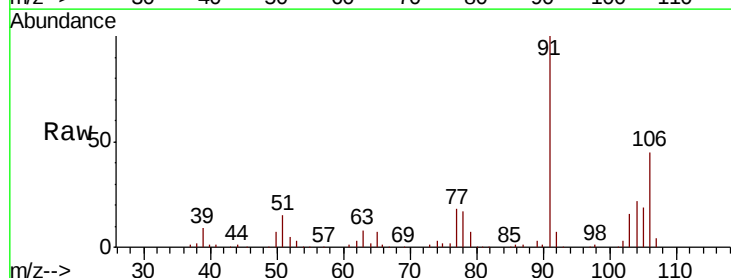


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0



#55
Styrene
Concen: 2.721 ug/L
RT: 10.14 min Scan# 2736
Delta R.T. -0.00 min
Lab File: VU036502.D
Acq: 16 Jan 2020 15:27

Tgt Ion:104 Resp: 35449
Ion Ratio Lower Upper
104 100
78 75.4 33.2 61.7#



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0

