

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021920\
 Data File : VU036852.D
 Acq On : 19 Feb 2020 17:16
 Operator : JC/MD
 Sample : L1580-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBDJ9

Quant Time: Feb 20 06:03:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Feb 20 04:46:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	136366	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	127815	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	62500	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	47833	4.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.60%
7) Chloroethane-d5	1.93	69	43623	4.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.60%
11) 1,1-Dichloroethene-d2	2.59	63	68205	3.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.60%
20) 2-Butanone-d5	4.67	46	118127	48.03	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.06%
24) Chloroform-d	5.11	84	78835	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
26) 1,2-Dichloroethane-d4	5.74	65	47764	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
32) Benzene-d6	5.76	84	184225	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.73	67	58024	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.20%
41) Toluene-d8	7.93	98	167992	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
43) trans-1,3-Dichloropropene-	8.20	79	20107	4.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.80%
46) 2-Hexanone-d5	8.66	63	105342	48.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.24%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	44648	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	54768	4.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.80%

Target Compounds

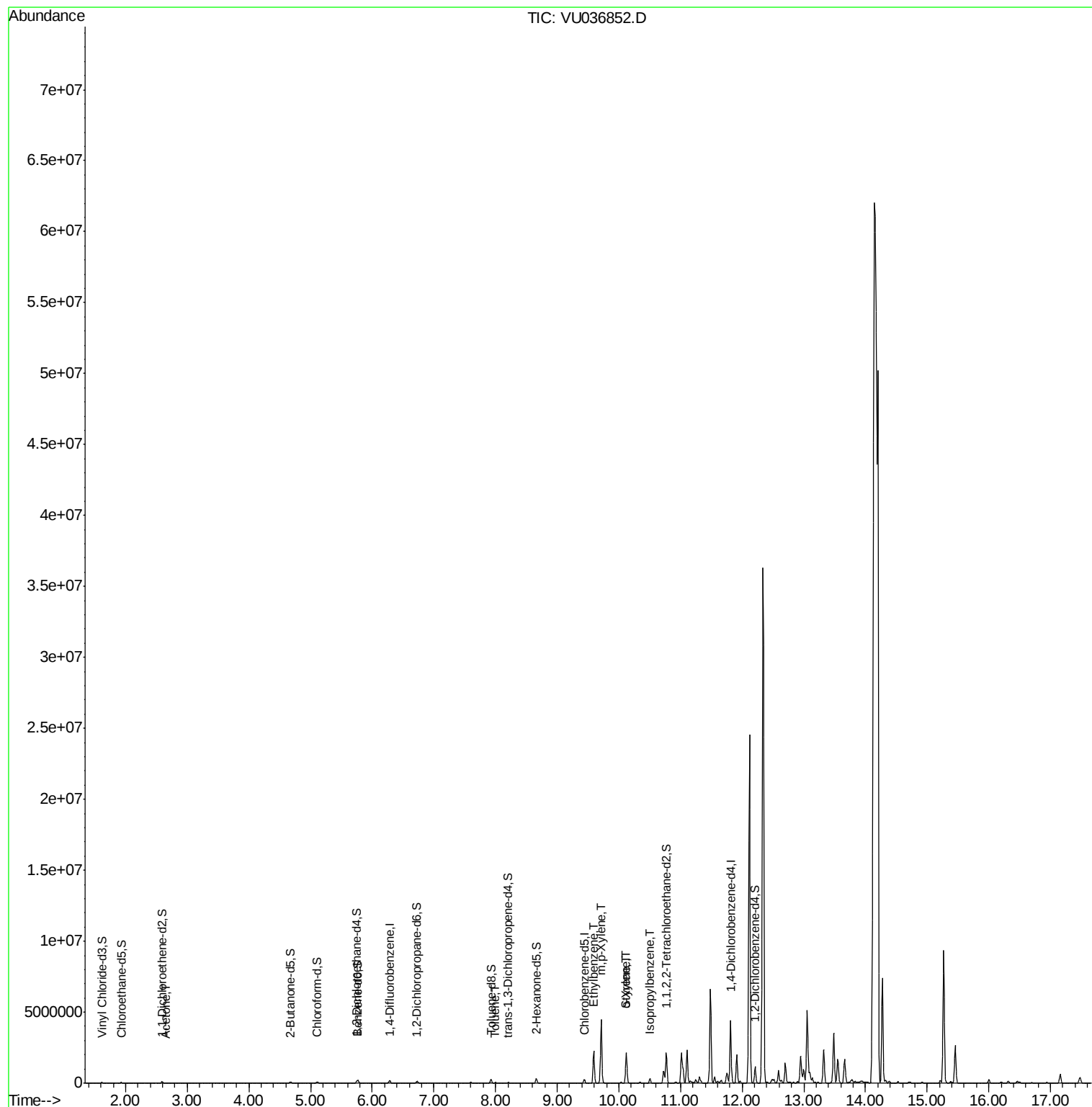
					Ovalue
13) Acetone	2.66	43	4310	1.371	ug/L 98
42) Toluene	8.00	91	38959	0.920	ug/L 99
52) Ethylbenzene	9.59	91	1551681	32.812	ug/L 100
53) m,p-Xylene	9.71	106	1210628	69.562	ug/L 94
54) o-Xylene	10.12	106	531785	31.116	ug/L 96
55) Styrene	10.13	104	92976	3.227	ug/L # 27
56) Isopropylbenzene	10.50	105	199061	4.352	ug/L 100

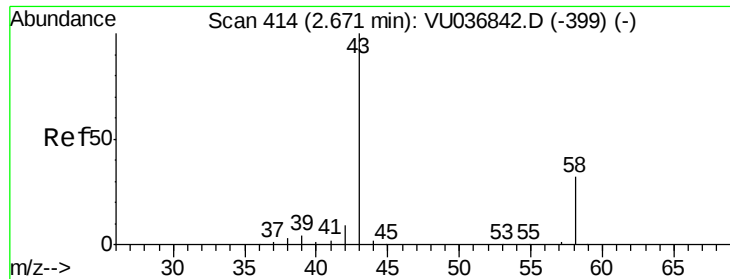
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Feb 20 04:46:21 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.371 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.01 min

Lab File: VU036852.D

Acq: 19 Feb 2020 17:16

Instrument :

MSVOA_U

ClientSampled :

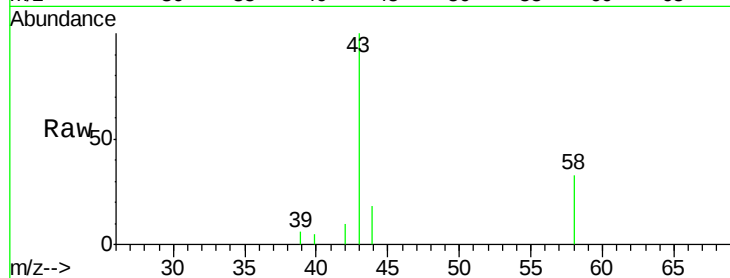
DBDJ9

Tot Ion: 43 Resp: 4310

Ion Ratio Lower Upper

43 100

58 31.2 0.0 64.2



Abundance Ion 43.05 (42.75 to 43.75): VU036852.D (-321) (-)

Ion 58.05 (57.75 to 58.75): VU036852.D (-321) (-)

2.66

2500

2000

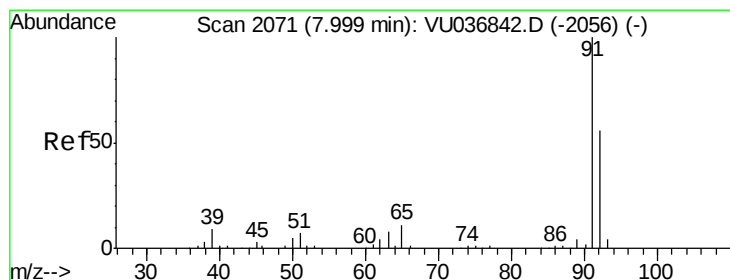
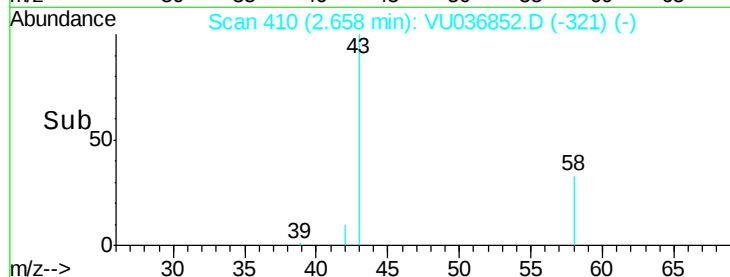
1500

1000

500

0

Time-->



#42

Toluene

Concen: 0.920 ug/L

RT: 8.00 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VU036852.D

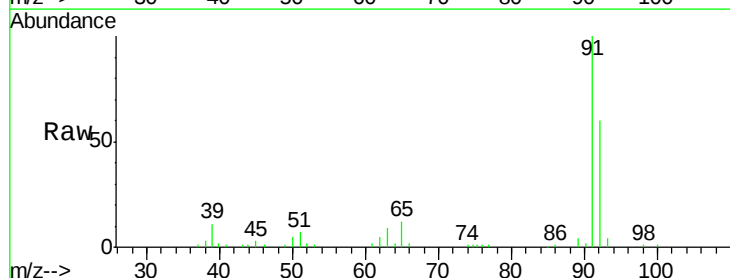
Acq: 19 Feb 2020 17:16

Tgt Ion: 91 Resp: 38959

Ion Ratio Lower Upper

91 100

92 59.7 41.2 76.4



Abundance Ion 91.15 (90.85 to 91.85): VU036852.D (-1978) (-)

Ion 92.15 (91.85 to 92.85): VU036852.D (-1978) (-)

8.00

25000

20000

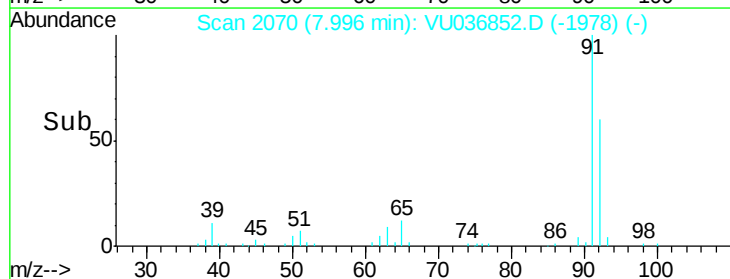
15000

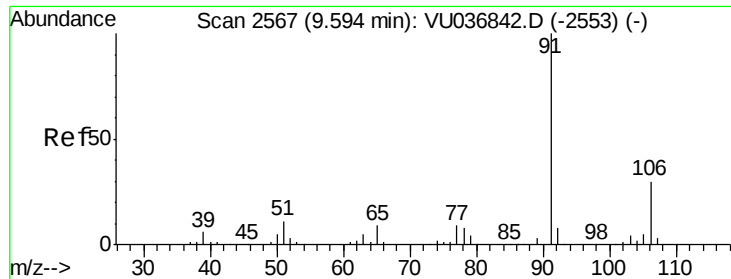
10000

5000

0

Time-->





#52

Ethylbenzene

Concen: 32.812 ug/L

RT: 9.59 min Scan# 2567

Delta R.T. 0.00 min

Lab File: VU036852.D

Acq: 19 Feb 2020 17:16

Instrument :

MSVOA_U

ClientSampleId :

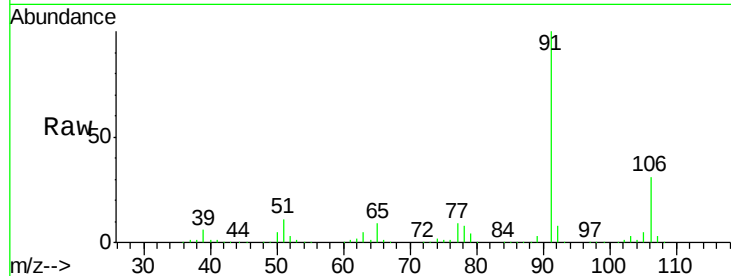
DBDJ9

Tot Ion: 91 Resp: 1551681

Ion Ratio Lower Upper

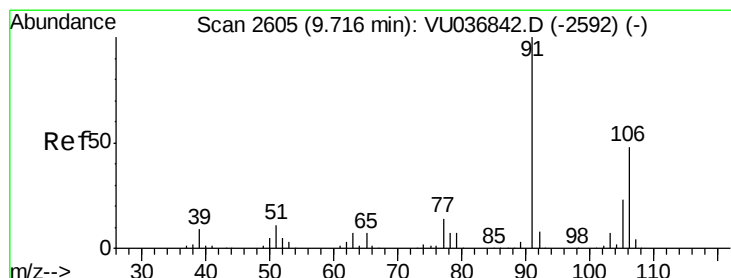
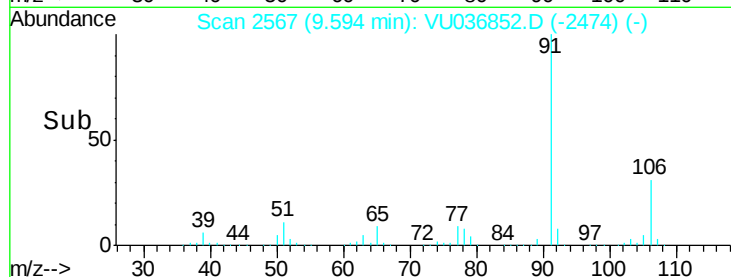
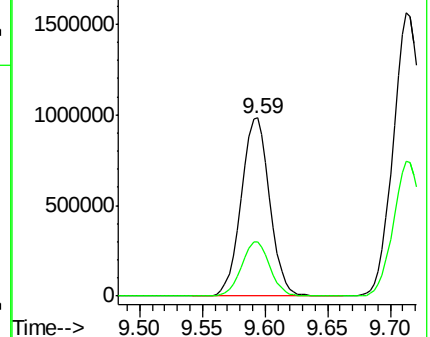
91 100

106 30.5 21.5 39.9



Abundance Ion 91.15 (90.85 to 91.85): VU036852.D (-2553) (-)

Ion 106.15 (105.85 to 106.85): VU036852.D (-2553) (-)



#53

m,p-Xylene

Concen: 69.562 ug/L

RT: 9.71 min Scan# 2604

Delta R.T. -0.00 min

Lab File: VU036852.D

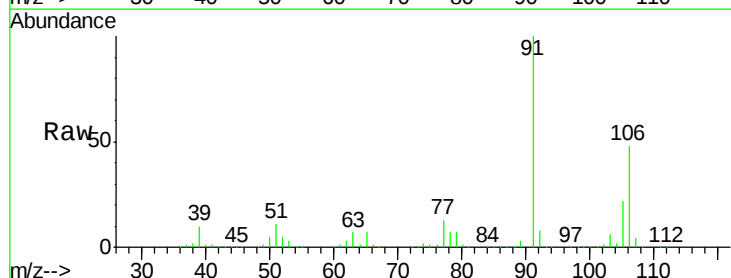
Acq: 19 Feb 2020 17:16

Tgt Ion: 106 Resp: 1210628

Ion Ratio Lower Upper

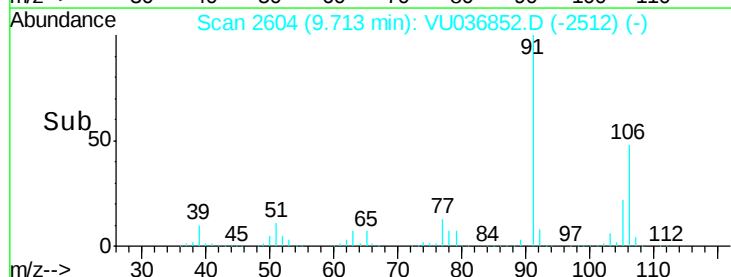
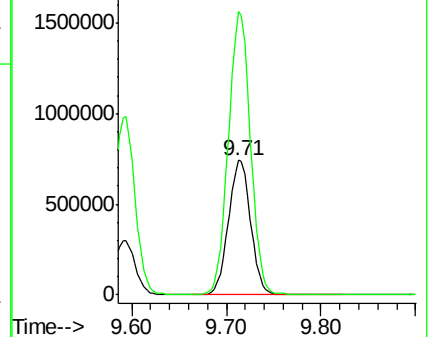
106 100

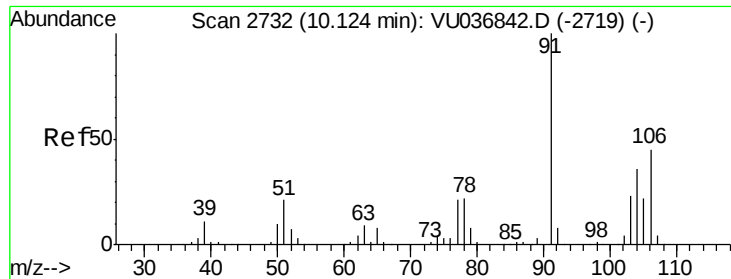
91 210.5 141.1 262.0



Abundance Ion 106.15 (105.85 to 106.85): VU036852.D (-2592) (-)

Ion 91.15 (90.85 to 91.85): VU036852.D (-2592) (-)

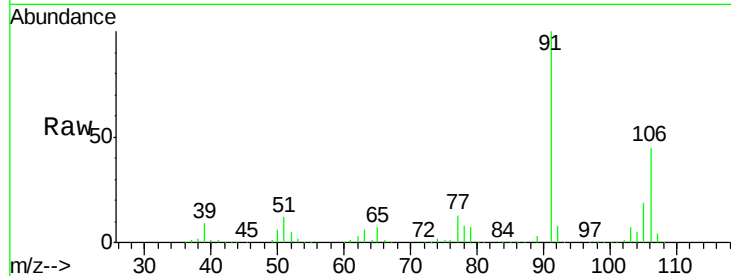




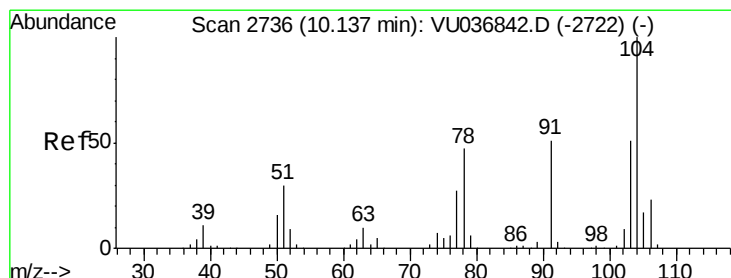
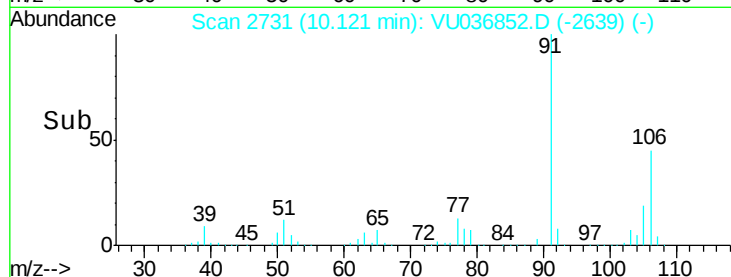
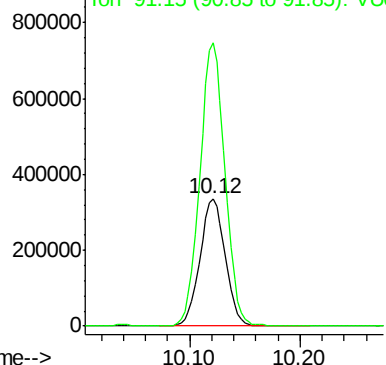
#54
o-Xylene
Concen: 31.116 ug/L
RT: 10.12 min Scan# 2731
Delta R.T. -0.00 min
Lab File: VU036852.D
Acq: 19 Feb 2020 17:16

Instrument :
MSVOA_U
ClientSampled :
DBDJ9

Tot Ion:106 Resp: 531785
Ion Ratio Lower Upper
106 100
91 222.3 151.1 280.5

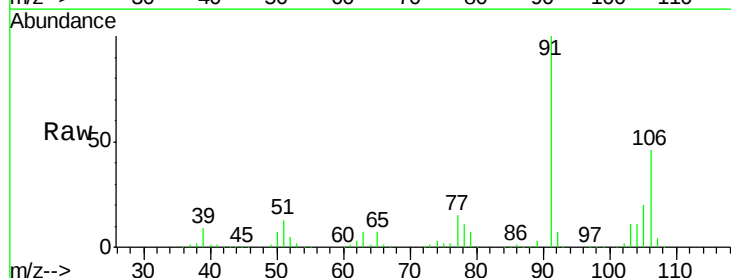


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0

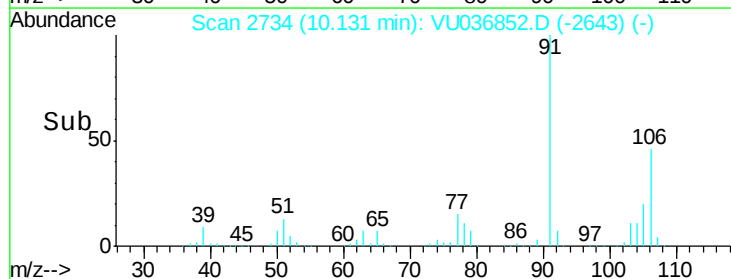
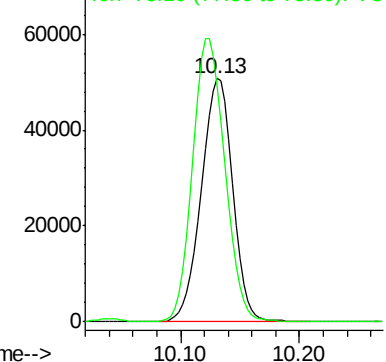


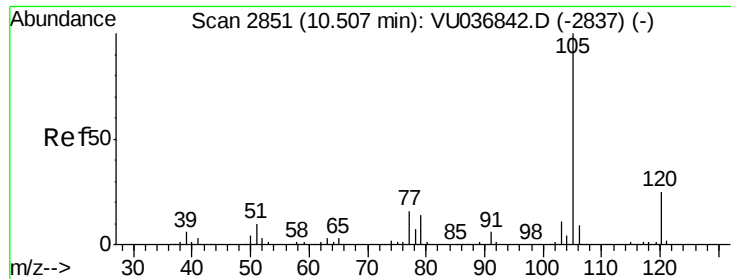
#55
Styrene
Concen: 3.227 ug/L
RT: 10.13 min Scan# 2734
Delta R.T. -0.01 min
Lab File: VU036852.D
Acq: 19 Feb 2020 17:16

Tgt Ion:104 Resp: 92976
Ion Ratio Lower Upper
104 100
78 96.8 33.5 62.3#



Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VU0





#56

Isopropylbenzene

Concen: 4.352 ug/L

RT: 10.50 min Scan# 2850

Delta R.T. -0.00 min

Lab File: VU036852.D

Acq: 19 Feb 2020 17:16

Instrument :

MSVOA_U

ClientSampleId :

DBDJ9

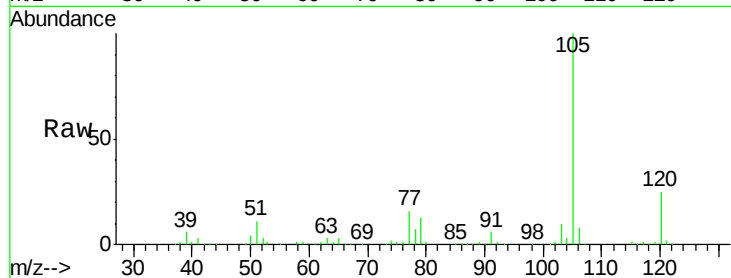
Tot Ion:105 Resp: 199061

Ion Ratio Lower Upper

105 100

120 25.6 20.5 30.7

77 16.7 13.0 19.6



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VU0

