

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021920\
 Data File : VU036849.D
 Acq On : 19 Feb 2020 15:12
 Operator : JC/MD
 Sample : L1580-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBDJ6

Quant Time: Feb 20 05:49:46 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	117809	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	112889	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	55476	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	45343	4.48	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.60%
7) Chloroethane-d5	1.93	69	41273	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	2.59	63	58580	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	4.67	46	101089	47.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.16%
24) Chloroform-d	5.11	84	71224	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	5.74	65	40724	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
32) Benzene-d6	5.76	84	159651	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.73	67	50992	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	7.92	98	142033	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
43) trans-1,3-Dichloropropene-	8.20	79	17145	4.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.00%
46) 2-Hexanone-d5	8.66	63	88577	45.81	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.62%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	39649	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	49421	4.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.20%

Target Compounds

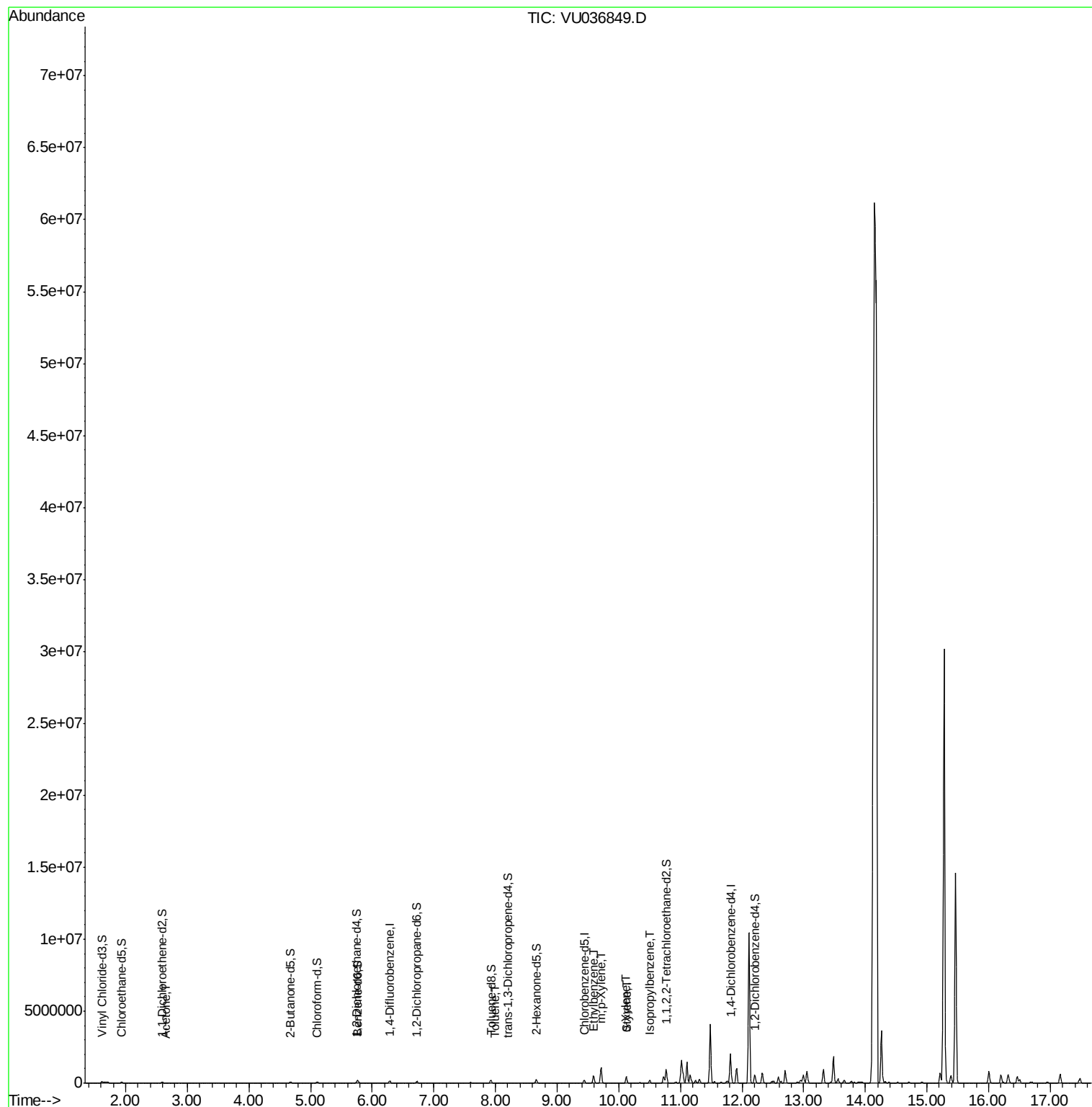
					Ovalue
13) Acetone	2.66	43	6724	2.475	ug/L 99
42) Toluene	8.00	91	16639	0.445	ug/L 96
52) Ethylbenzene	9.59	91	343967	8.235	ug/L 98
53) m,p-Xylene	9.71	106	286808	18.659	ug/L 93
54) o-Xylene	10.12	106	107135	7.098	ug/L 98
55) Styrene	10.13	104	28657	1.126	ug/L # 72
56) Isopropylbenzene	10.50	105	131121	3.246	ug/L 99

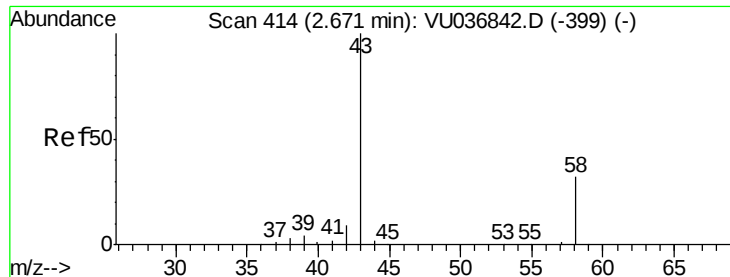
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU021920\
Data File : VU036849.D
Acq On : 19 Feb 2020 15:12
Operator : JC/MD
Sample : L1580-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBDJ6

Quant Time: Feb 20 05:49:46 2020
Quant Method : Z:\V0ASRV\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





#13

Acetone

Concen: 2.475 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.01 min

Lab File: VU036849.D

Acq: 19 Feb 2020 15:12

Instrument :

MSVOA_U

ClientSampleId :

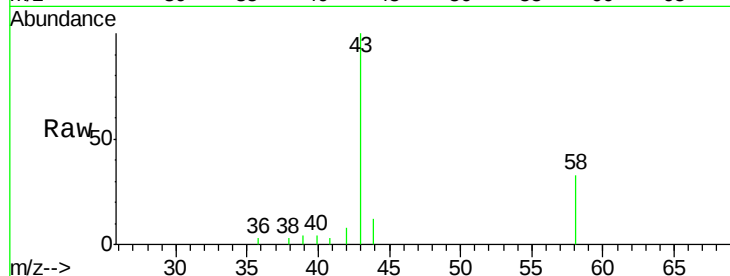
DBDJ6

Tot Ion: 43 Resp: 6724

Ion Ratio Lower Upper

43 100

58 32.6 0.0 64.2



Abundance Ion 43.05 (42.75 to 43.75): VU036842.D (-399) (-)

Ion 58.05 (57.75 to 58.75): VU036842.D (-399) (-)

2.66

4000

3000

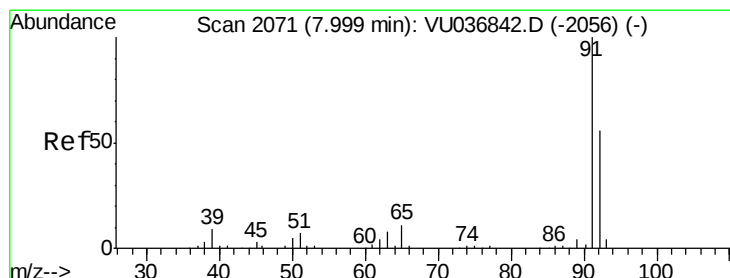
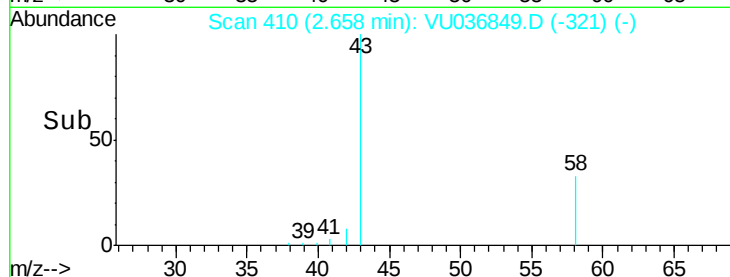
2000

1000

0

Time-->

2.60 2.65 2.70



#42

Toluene

Concen: 0.445 ug/L

RT: 8.00 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VU036849.D

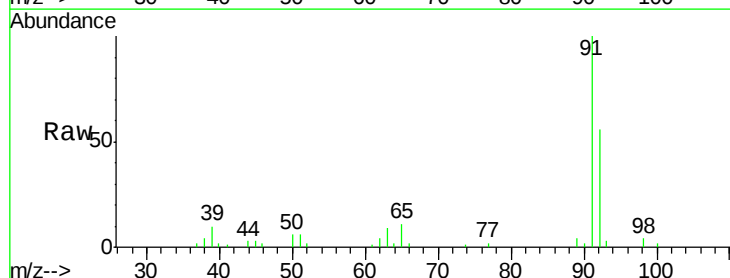
Acq: 19 Feb 2020 15:12

Tgt Ion: 91 Resp: 16639

Ion Ratio Lower Upper

91 100

92 55.8 41.2 76.4



Abundance Ion 91.15 (90.85 to 91.85): VU036842.D (-2056) (-)

Ion 92.15 (91.85 to 92.85): VU036842.D (-2056) (-)

8.00

10000

8000

6000

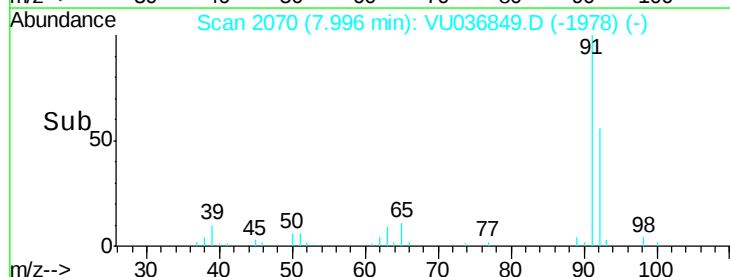
4000

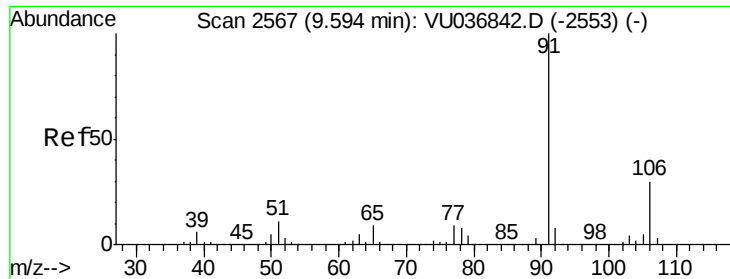
2000

0

Time-->

7.95 8.00 8.05





#52

Ethylbenzene

Concen: 8.235 ug/L

RT: 9.59 min Scan# 2566

Delta R.T. -0.00 min

Lab File: VU036849.D

Acq: 19 Feb 2020 15:12

Instrument :

MSVOA_U

ClientSampleId :

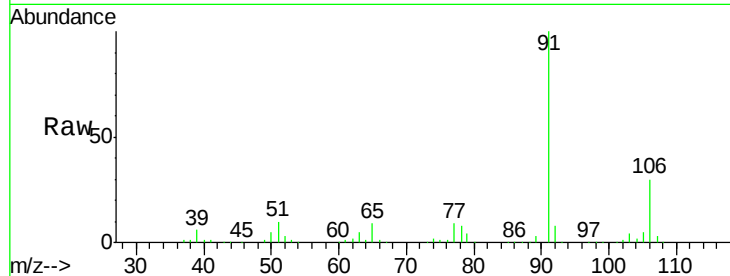
DBDJ6

Tot Ion: 91 Resp: 343967

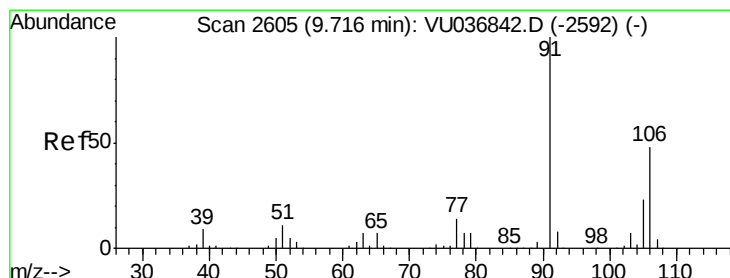
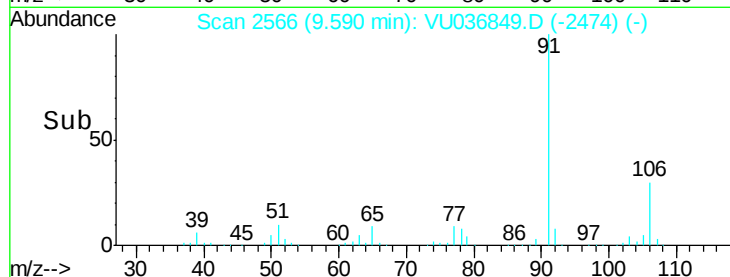
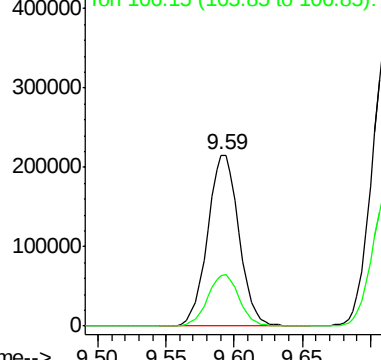
Ion Ratio Lower Upper

91 100

106 29.8 21.5 39.9



Abundance Ion 91.15 (90.85 to 91.85): VU036849.D (-2474) (-)



#53

m,p-Xylene

Concen: 18.659 ug/L

RT: 9.71 min Scan# 2604

Delta R.T. -0.00 min

Lab File: VU036849.D

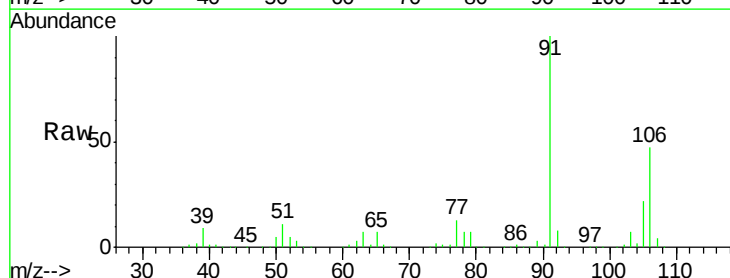
Acq: 19 Feb 2020 15:12

Tgt Ion: 106 Resp: 286808

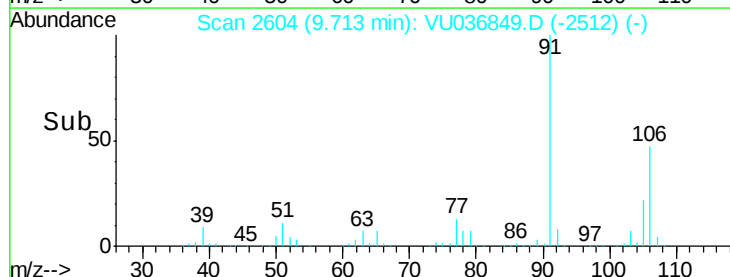
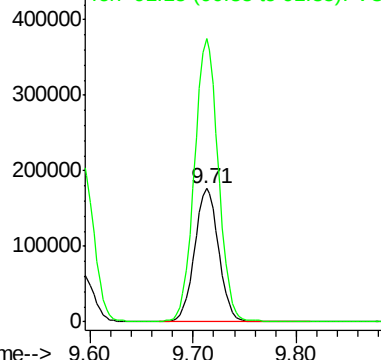
Ion Ratio Lower Upper

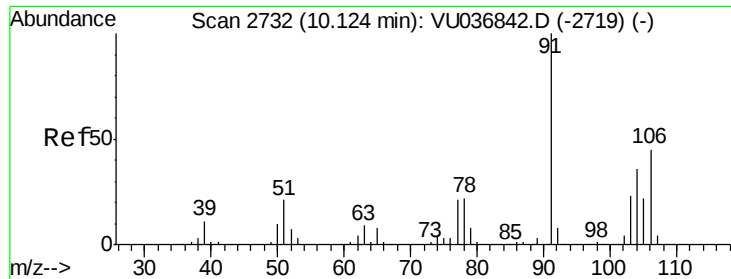
106 100

91 212.8 141.1 262.0



Abundance Ion 106.15 (105.85 to 106.85): VU036849.D (-2512) (-)

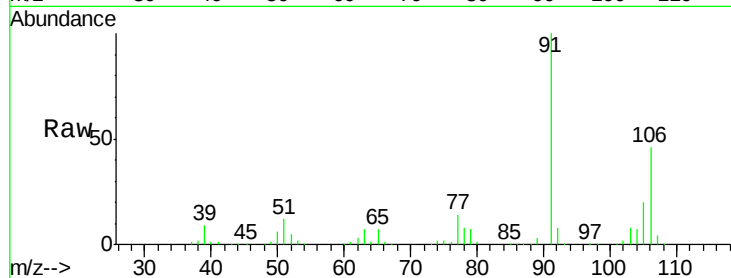




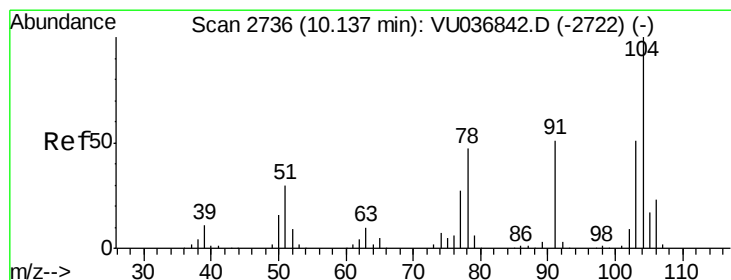
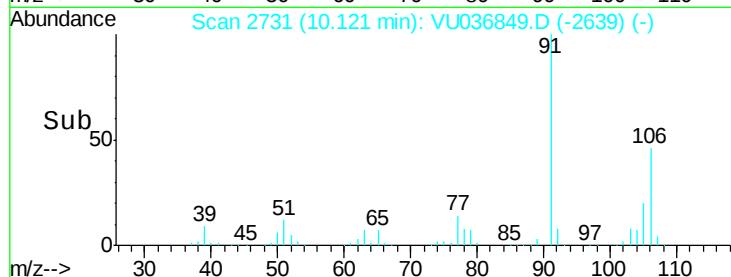
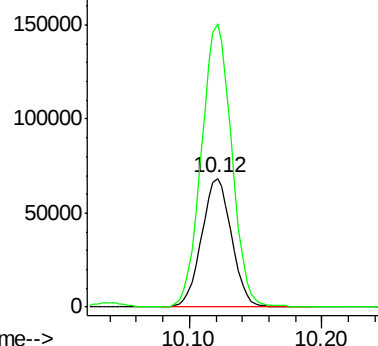
#54
o-Xylene
Concen: 7.098 ug/L
RT: 10.12 min Scan# 2731
Delta R.T. -0.00 min
Lab File: VU036849.D
Acq: 19 Feb 2020 15:12

Instrument :
MSVOA_U
ClientSampleId :
DBDJ6

Tot Ion:106 Resp: 107135
Ion Ratio Lower Upper
106 100
91 219.7 151.1 280.5

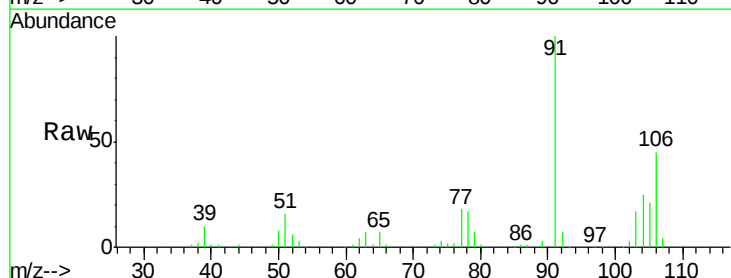


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0

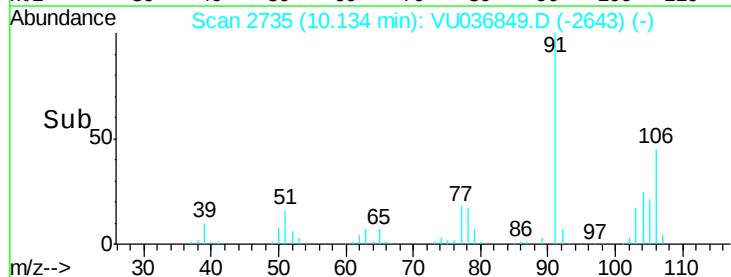
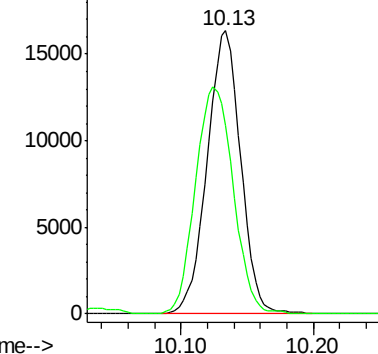


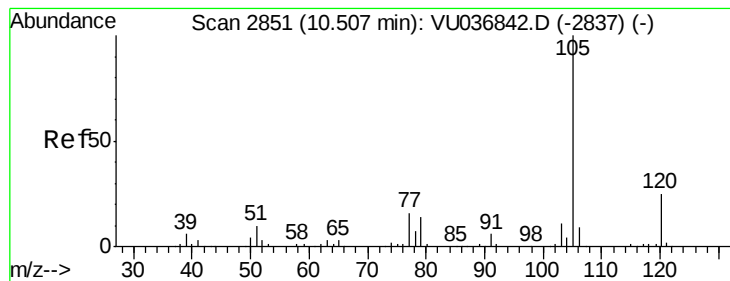
#55
Styrene
Concen: 1.126 ug/L
RT: 10.13 min Scan# 2735
Delta R.T. -0.00 min
Lab File: VU036849.D
Acq: 19 Feb 2020 15:12

Tgt Ion:104 Resp: 28657
Ion Ratio Lower Upper
104 100
78 66.5 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: 3.246 ug/L

RT: 10.50 min Scan# 2850

Delta R.T. -0.00 min

Lab File: VU036849.D

Acq: 19 Feb 2020 15:12

Instrument :

MSVOA_U

ClientSampleId :

DBDJ6

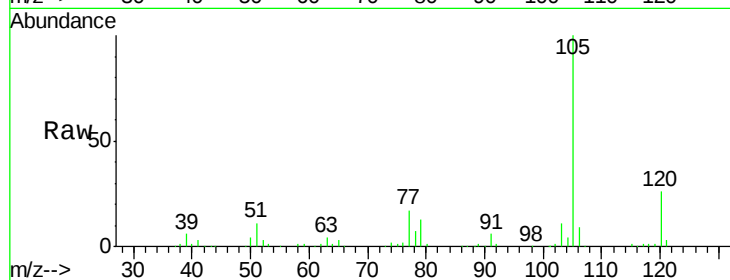
Tot Ion:105 Resp: 131121

Ion Ratio Lower Upper

105 100

120 25.7 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): VU

