

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061020\
 Data File : VU038761.D
 Acq On : 10 Jun 2020 06:34
 Operator : SY/MD
 Sample : L2913-09 100X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9E49

Quant Time: Jun 10 07:19:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 10 06:36:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	506600	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	487880	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	219707	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	126628	44.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.48%
7) Chloroethane-d5	1.93	69	119964	54.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.28%
11) 1,1-Dichloroethene-d2	2.59	63	212982	34.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.06%
21) 2-Butanone-d5	4.66	46	324335	117.79	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.79%
24) Chloroform-d	5.10	84	319544	52.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.72%
26) 1,2-Dichloroethane-d4	5.74	65	227951	56.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.72%
32) Benzene-d6	5.76	84	618586	52.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.28%
36) 1,2-Dichloropropane-d6	6.72	67	197590	54.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.10%
41) Toluene-d8	7.92	98	504123	47.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.94%
43) trans-1,3-Dichloropropene-	8.20	79	90086	49.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.80%
47) 2-Hexanone-d5	8.65	63	226835	117.66	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.66%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	295186	54.64	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.28%
64) 1,2-Dichlorobenzene-d4	12.20	152	208804	54.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.48%

Target Compounds

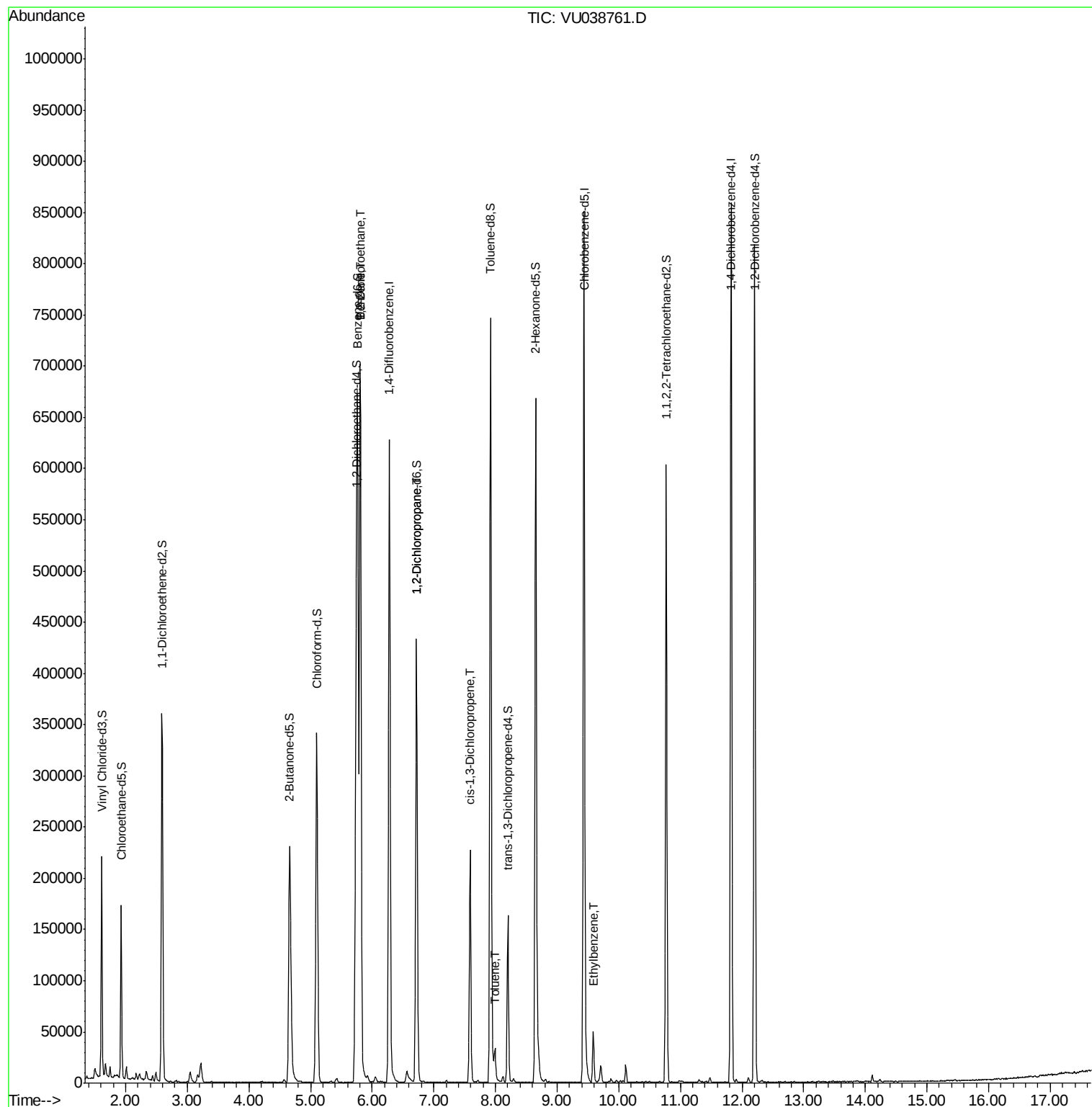
					Ovalue
27) 1,2-Dichloroethane	5.81	62	6681	1.214 ug/L #	74
33) Benzene	5.81	78	661463	45.656 ug/L	100
37) 1,2-Dichloropropane	6.72	63	22847	6.052 ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	5761	0.989 ug/L #	69
42) Toluene	7.99	91	18331	1.210 ug/L	94
52) Ethylbenzene	9.59	91	35849	2.144 ug/L	98

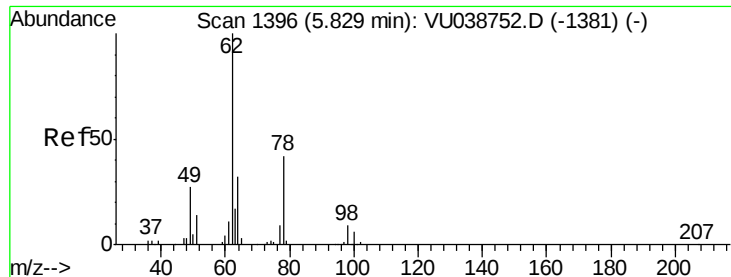
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#27

1,2-Dichloroethane

Concen: 1.214 ug/L

RT: 5.81 min Scan# 1390

Delta R.T. -0.02 min

Lab File: VU038761.D

Acq: 10 Jun 2020 06:34

Instrument :

MSVOA_U

ClientSampled :

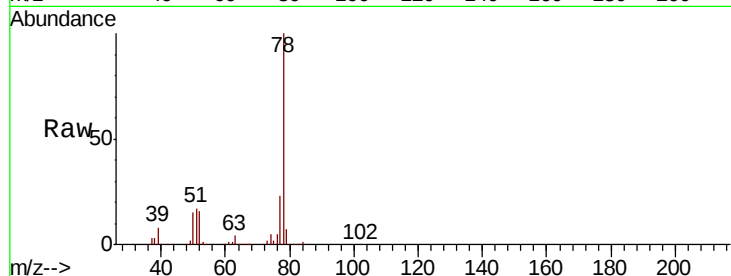
F9E49

Tot Ion: 62 Resp: 6681

Ion Ratio Lower Upper

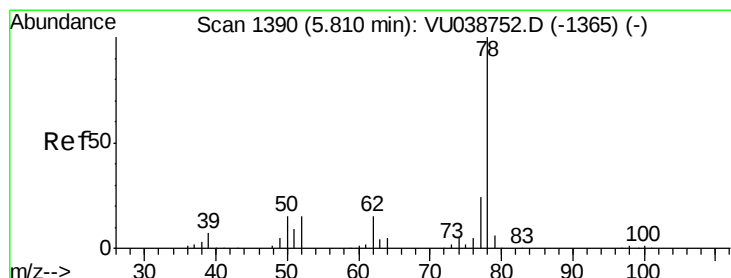
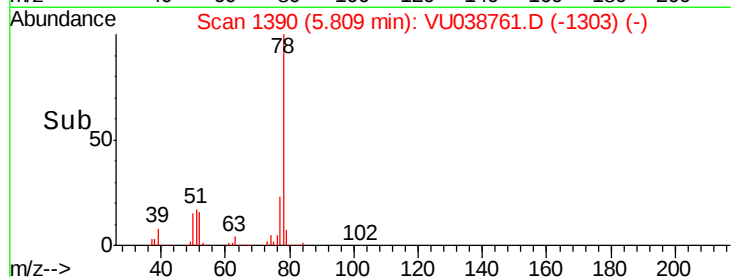
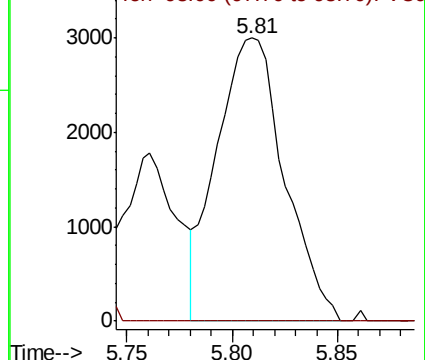
62 100

98 0.0 7.8 11.6#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



#33

Benzene

Concen: 45.656 ug/L

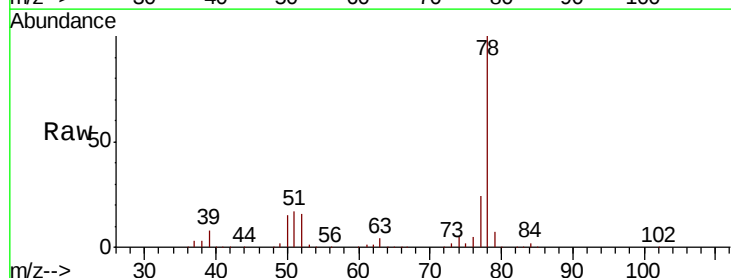
RT: 5.81 min Scan# 1389

Delta R.T. -0.00 min

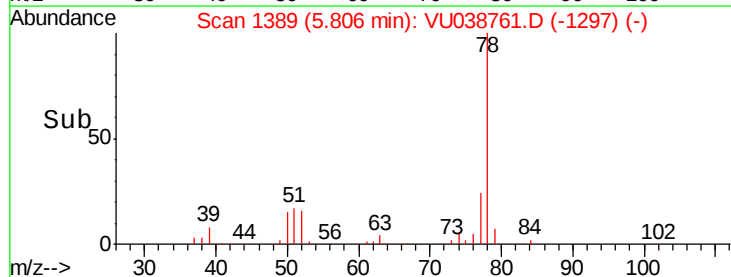
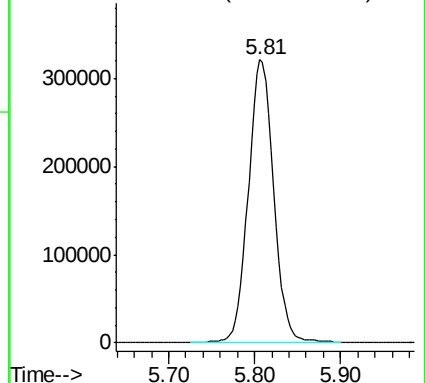
Lab File: VU038761.D

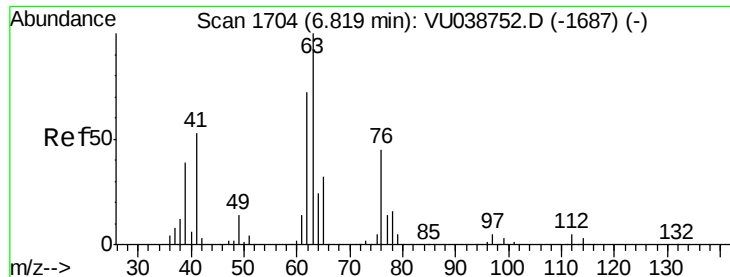
Acq: 10 Jun 2020 06:34

Tgt Ion: 78 Resp: 661463



Abundance Ion 78.00 (77.70 to 78.70): VU0

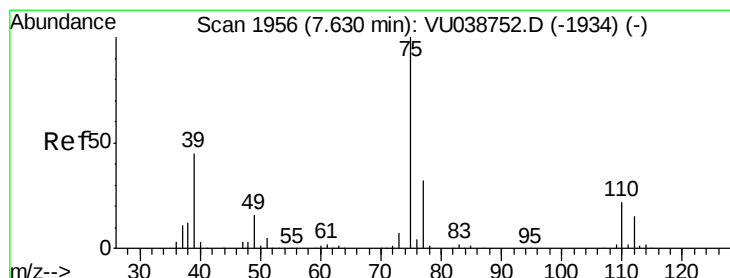
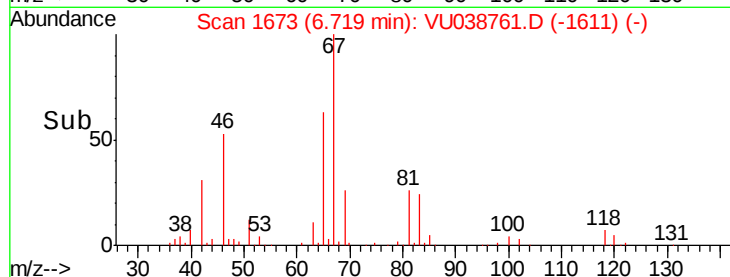
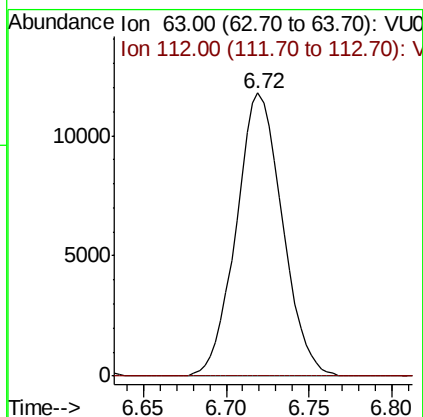
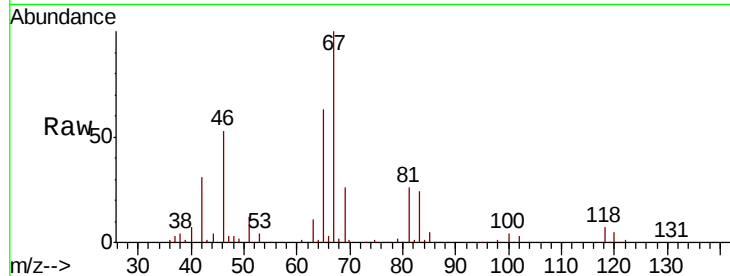




#37
 1,2-Dichloropropane
 Concen: 6.052 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU038761.D
 Acq: 10 Jun 2020 06:34

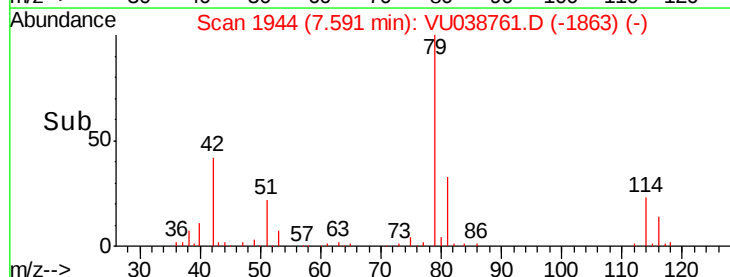
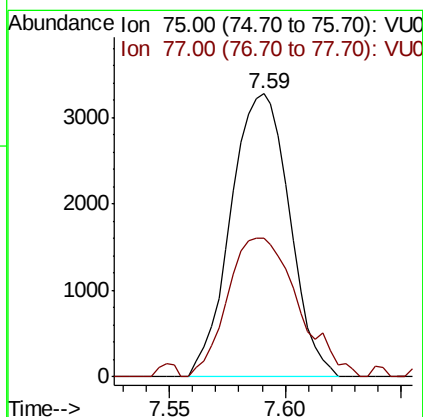
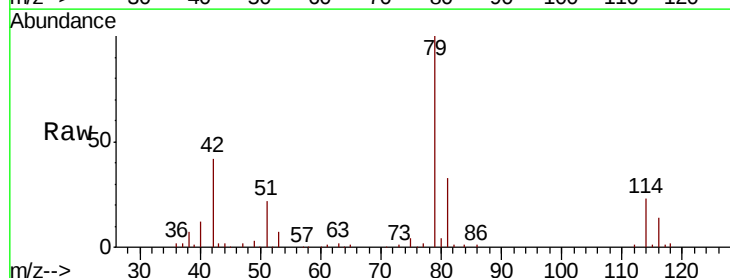
Instrument :
 MSVOA_U
 ClientSampled :
 F9E49

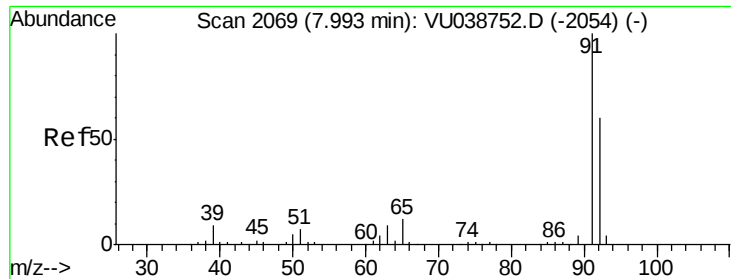
Tot Ion: 63 Resp: 22847
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.989 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038761.D
 Acq: 10 Jun 2020 06:34

Tgt Ion: 75 Resp: 5761
 Ion Ratio Lower Upper
 75 100
 77 49.1 22.2 41.2#





#42

Toluene

Concen: 1.210 ug/L

RT: 7.99 min Scan# 2069

Delta R.T. -0.00 min

Lab File: VU038761.D

Acq: 10 Jun 2020 06:34

Instrument :

MSVOA_U

ClientSampleId :

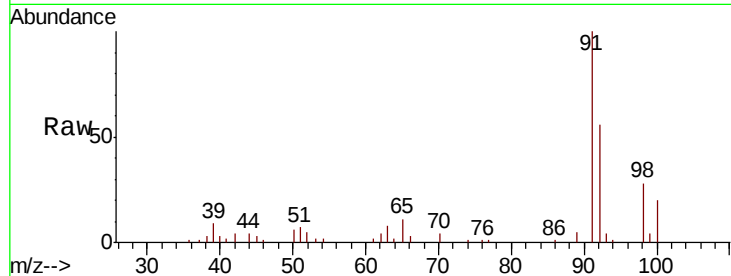
F9E49

Tot Ion: 91 Resp: 18331

Ion Ratio Lower Upper

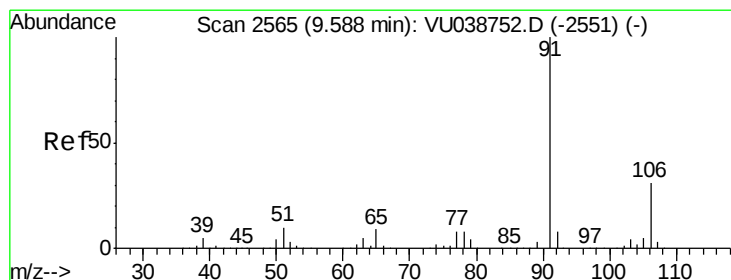
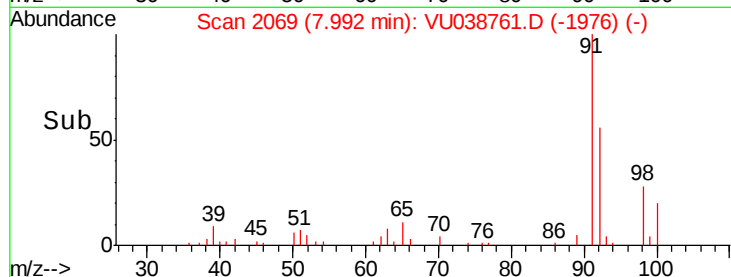
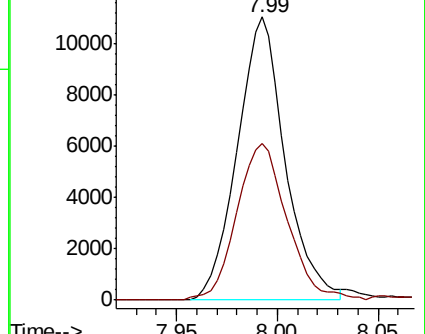
91 100

92 55.5 42.2 78.4



Abundance Ion 91.00 (90.70 to 91.70): VU038752.D (-2054) (-)

Ion 92.00 (91.70 to 92.70): VU038761.D (-1976) (-)



#52

Ethylbenzene

Concen: 2.144 ug/L

RT: 9.59 min Scan# 2565

Delta R.T. -0.00 min

Lab File: VU038761.D

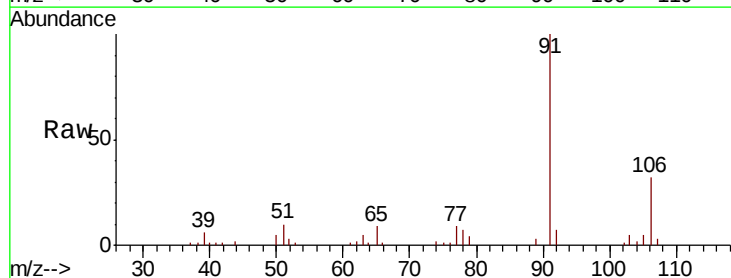
Acq: 10 Jun 2020 06:34

Tgt Ion: 91 Resp: 35849

Ion Ratio Lower Upper

91 100

106 31.6 21.5 39.9



Abundance Ion 91.00 (90.70 to 91.70): VU038752.D (-2551) (-)

Ion 106.00 (105.70 to 106.70): VU038761.D (-2472) (-)

