

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050618\
 Data File : VU023691.D
 Acq On : 06 May 2018 15:30
 Operator : MD/SY
 Sample : J2721-04DL 200X
 Misc : 5.36g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 07 01:55:17 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 07 00:51:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	400924	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	368698	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	187931	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	113390	39.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.80%
7) Chloroethane-d5	1.68	69	91912	42.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.88%
11) 1,1-Dichloroethene-d2	2.27	63	170683	30.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.62%
21) 2-Butanone-d5	4.18	46	201291	102.53	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.53%
24) Chloroform-d	4.65	84	208332	44.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.66%
26) 1,2-Dichloroethane-d4	5.31	65	142019	43.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.90%
32) Benzene-d6	5.35	84	458609	46.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.72%
36) 1,2-Dichloropropane-d6	6.34	67	151216	45.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.28%
41) Toluene-d8	7.57	98	411551	45.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.26%
43) trans-1,3-Dichloropropene-	7.85	79	60942	42.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.44%
47) 2-Hexanone-d5	8.31	63	144334	114.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.71%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	199752	46.61	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.22%
64) 1,2-Dichlorobenzene-d4	11.86	152	173289	47.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.54%

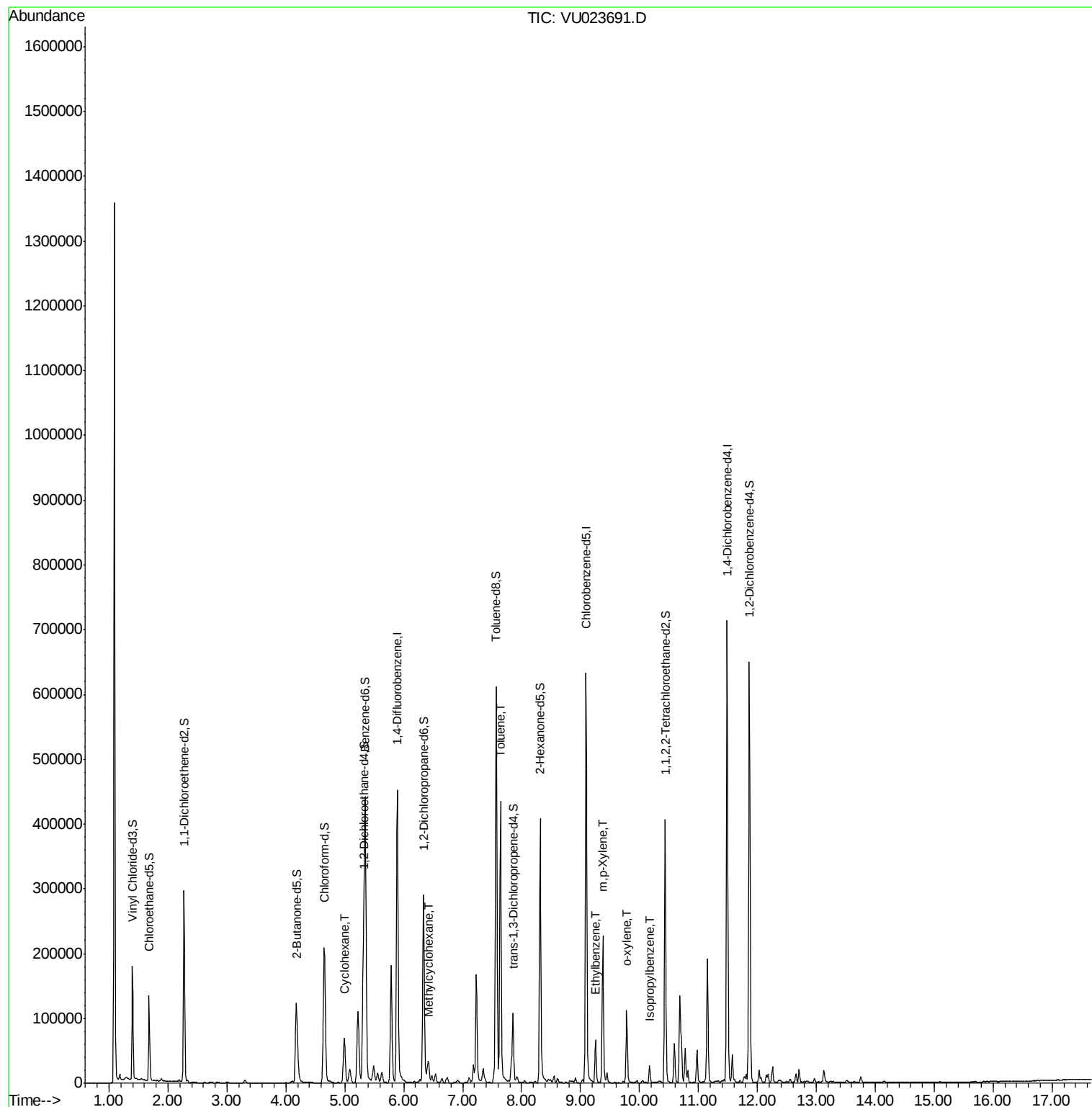
Target Compounds

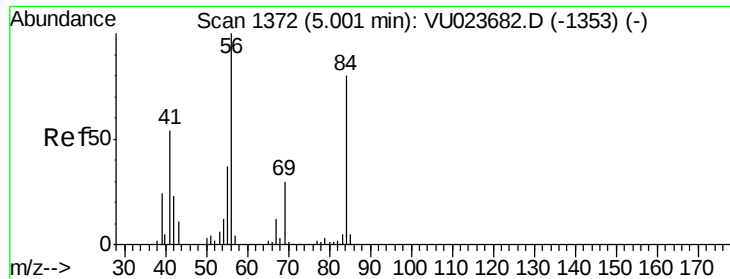
					Ovalue
29) Cyclohexane	5.00	56	15472	2.84 ug/L	# 54
35) Methylcyclohexane	6.42	83	13734	2.64 ug/L	91
42) Toluene	7.64	91	326036	24.21 ug/L	100
52) Ethylbenzene	9.26	91	46997	3.22 ug/L	96
53) m,p-Xylene	9.38	106	64389	11.56 ug/L	98
54) o-xylene	9.78	106	30141	5.71 ug/L	96
56) Isopropylbenzene	10.17	105	17186	1.24 ug/L	98

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

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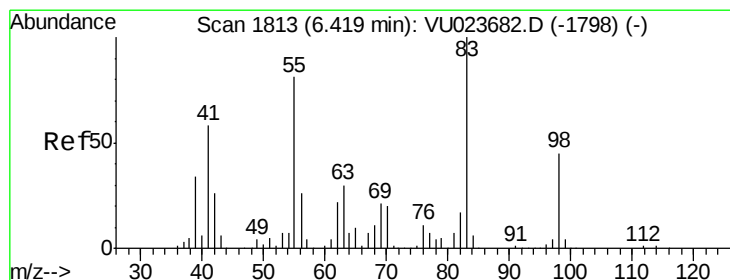
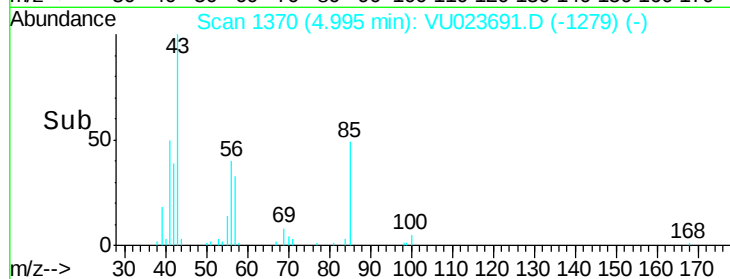
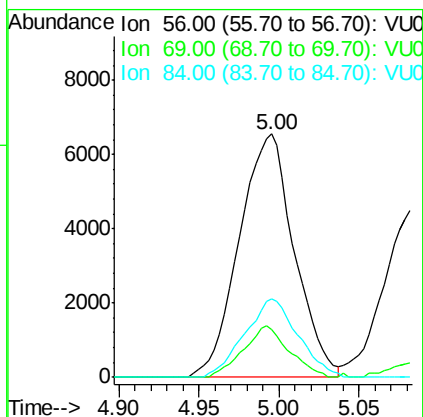
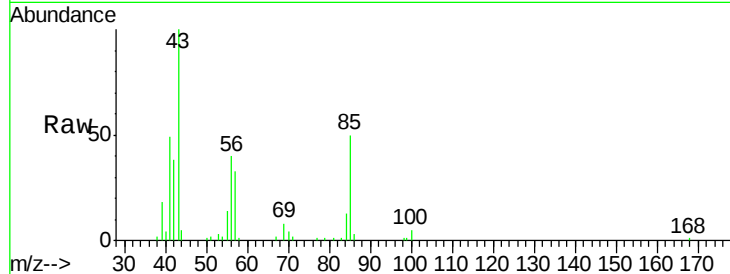
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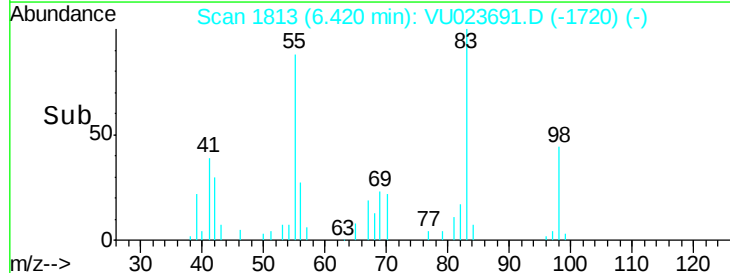
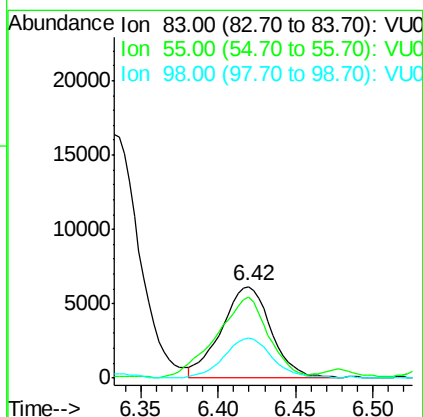
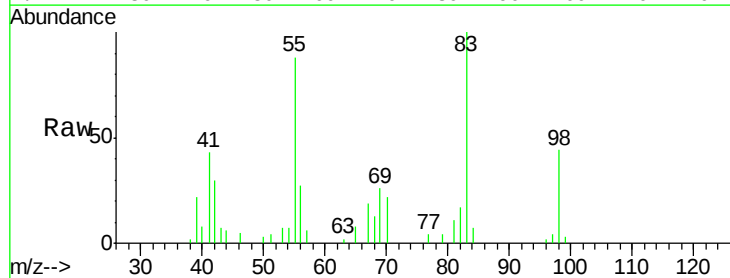
#29
Cyclohexane
Concen: 2.84 ug/L
RT: 5.00 min Scan# 1370
Delta R.T. -0.01 min
Lab File: VU023691.D
Acq: 06 May 2018 15:30

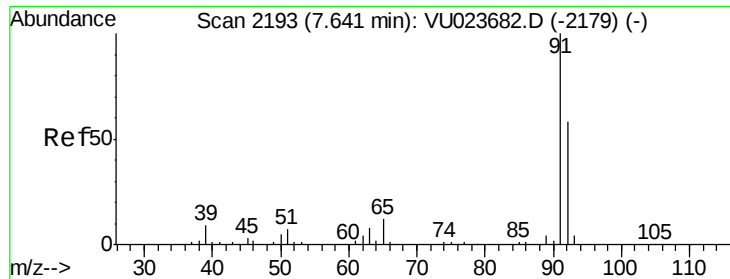
Tot Ion: 56 Resp: 15472
Ion Ratio Lower Upper
56 100
69 17.7 23.5 35.3#
84 31.3 63.8 95.8#



#35
Methylcyclohexane
Concen: 2.64 ug/L
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU023691.D
Acq: 06 May 2018 15:30

Tgt Ion: 83 Resp: 13734
Ion Ratio Lower Upper
83 100
55 93.0 66.7 100.1
98 41.6 36.6 54.8





#42

Toluene

Concen: 24.21 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU023691.D

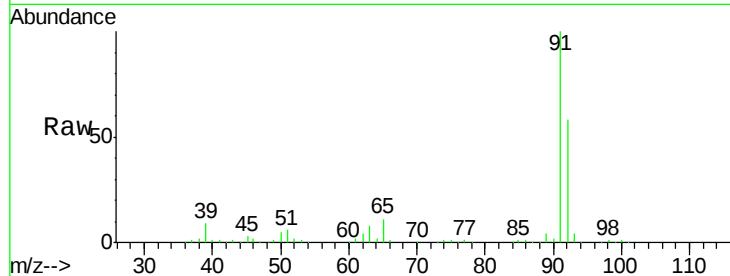
Acq: 06 May 2018 15:30

Tot Ion: 91 Resp: 326036

Ion Ratio Lower Upper

91 100

92 57.8 40.3 74.9



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0

7.64

200000

150000

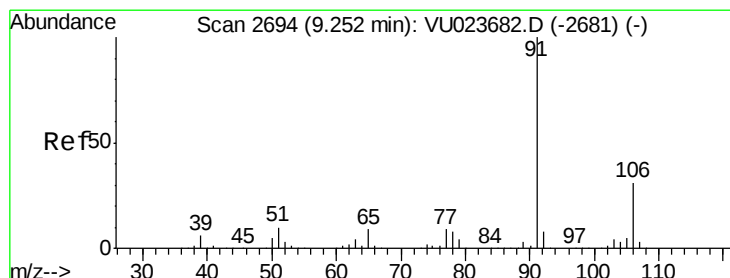
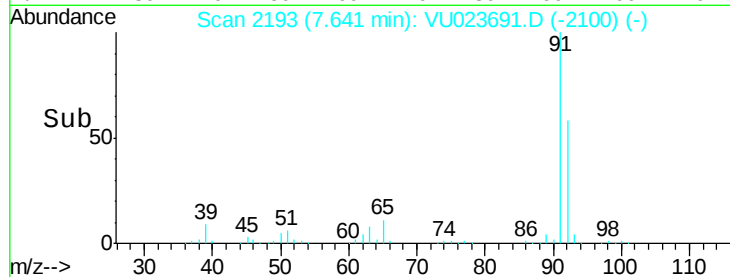
100000

50000

0

Time-->

7.60 7.70 7.80



#52

Ethylbenzene

Concen: 3.22 ug/L

RT: 9.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VU023691.D

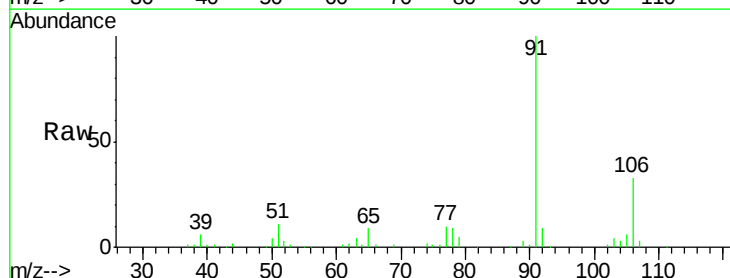
Acq: 06 May 2018 15:30

Tgt Ion: 91 Resp: 46997

Ion Ratio Lower Upper

91 100

106 32.8 21.6 40.0



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V

9.26

40000

30000

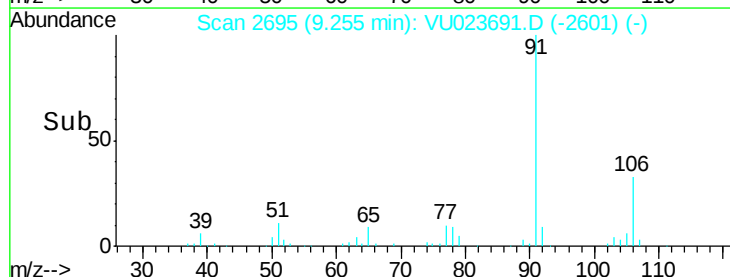
20000

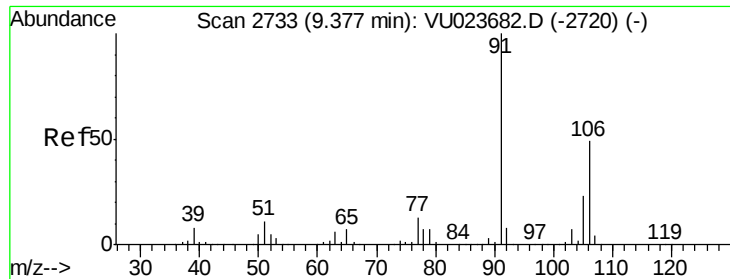
10000

0

Time-->

9.20 9.25 9.30 9.35





#53

m,p-Xylene

Concen: 11.56 ug/L

RT: 9.38 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU023691.D

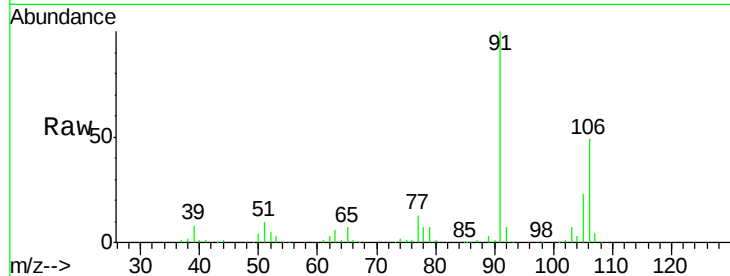
Acq: 06 May 2018 15:30

Tot Ion:106 Resp: 64389

Ion Ratio Lower Upper

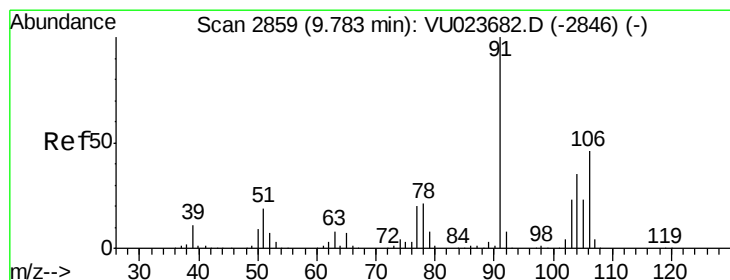
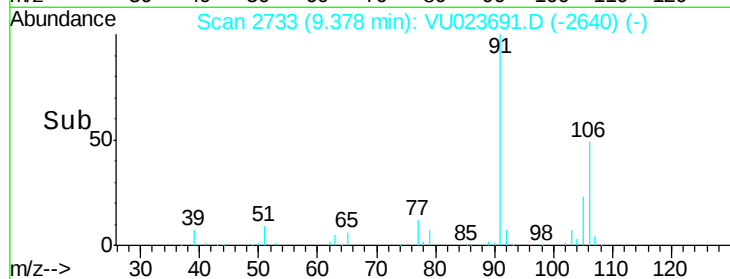
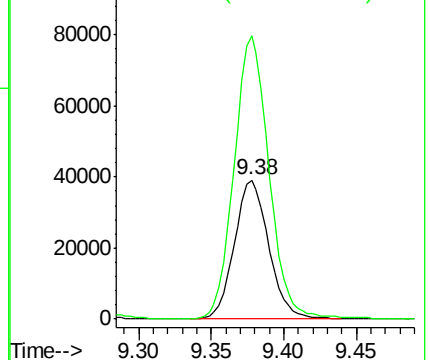
106 100

91 203.1 144.1 267.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#54

o-xylene

Concen: 5.71 ug/L

RT: 9.78 min Scan# 2859

Delta R.T. 0.00 min

Lab File: VU023691.D

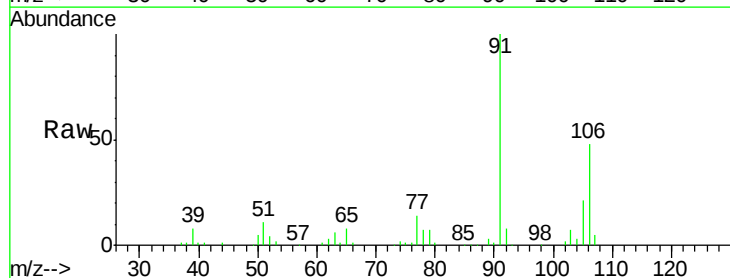
Acq: 06 May 2018 15:30

Tgt Ion:106 Resp: 30141

Ion Ratio Lower Upper

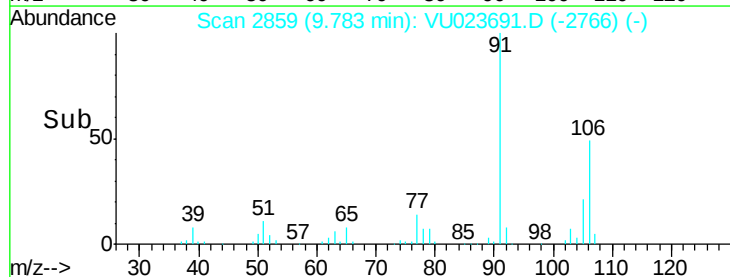
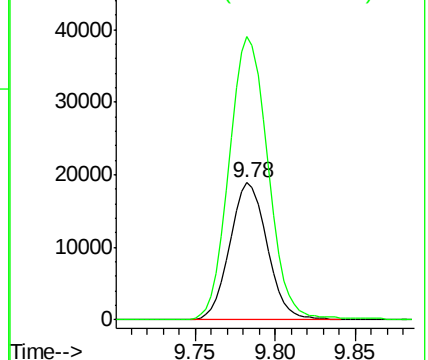
106 100

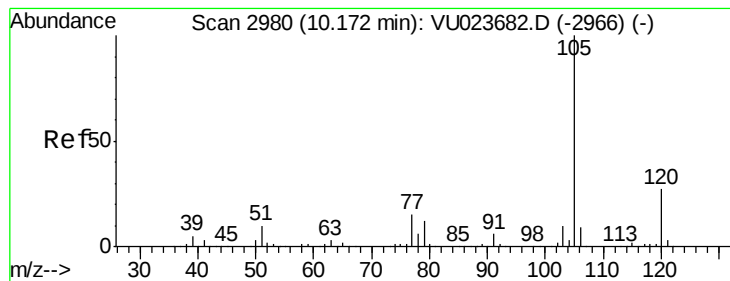
91 206.8 148.9 276.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0





#56

Isopropylbenzene

Concen: 1.24 ug/L

RT: 10.17 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU023691.D

Acq: 06 May 2018 15:30

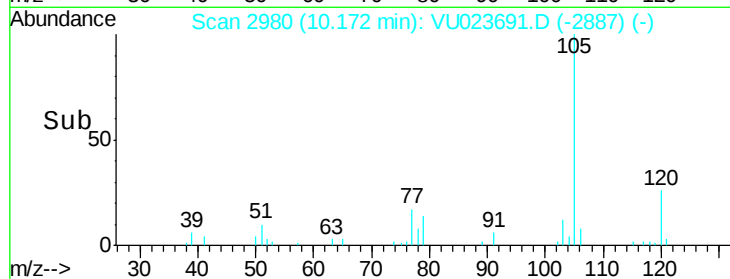
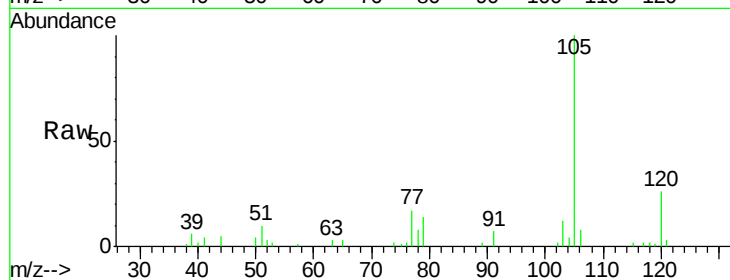
Tot Ion:105 Resp: 17186

Ion Ratio Lower Upper

105 100

120 24.9 20.9 31.3

77 16.1 12.6 18.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VU0

