

Data File : VU023750.D
Acq On : 08 May 2018 21:22
Operator : MD/SY
Sample : J2725-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Quant Time: May 09 04:46:20 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050818WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 09 03:02:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	346004	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	335095	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	180337	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	118670	43.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.70%
7) Chloroethane-d5	1.68	69	93854	46.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.88%
11) 1,1-Dichloroethene-d2	2.27	63	173289	34.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.10%
21) 2-Butanone-d5	4.18	46	237497	119.24	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	119.24%
24) Chloroform-d	4.65	84	215250	47.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.66%
26) 1,2-Dichloroethane-d4	5.31	65	141790	48.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.40%
32) Benzene-d6	5.35	84	453671	47.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.52%
36) 1,2-Dichloropropane-d6	6.34	67	155198	49.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.86%
41) Toluene-d8	7.57	98	419533	47.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.20%
43) trans-1,3-Dichloropropene-	7.85	79	45379	33.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.80%
47) 2-Hexanone-d5	8.31	63	185600	132.31	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	132.31%#
57) 1,1,2,2-Tetrachloroethane-	10.44	84	215775	50.72	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.44%
64) 1,2-Dichlorobenzene-d4	11.86	152	179497	48.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.12%

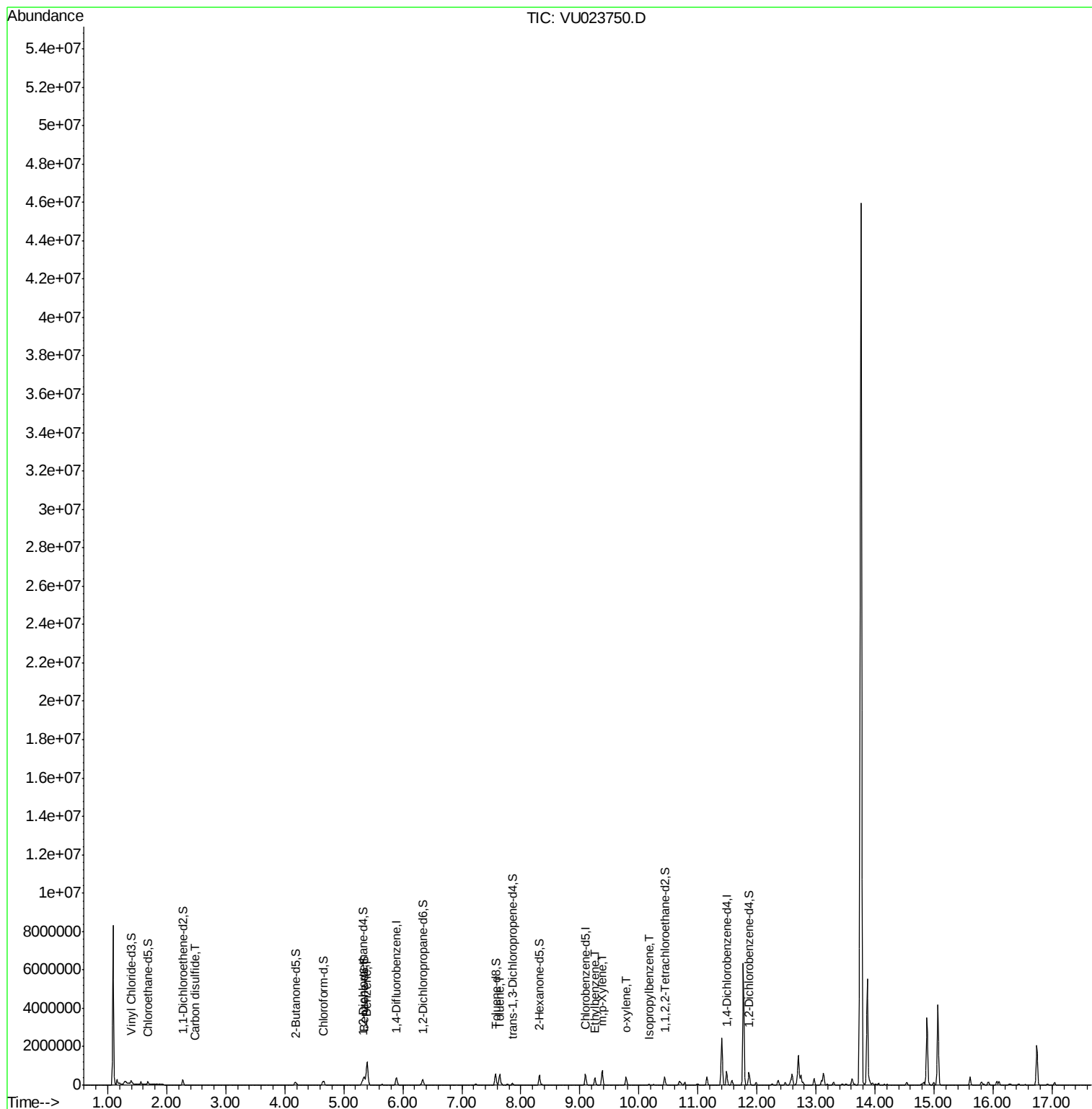
Target Compounds

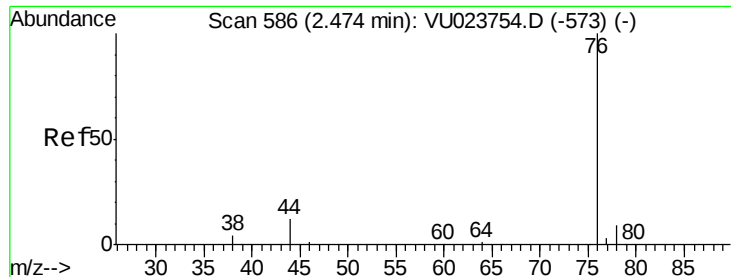
						Qvalue
14) Carbon disulfide	2.48	76	13550	1.76	ug/L	97
33) Benzene	5.39	78	1215674	107.66	ug/L	100
42) Toluene	7.64	91	463676	39.30	ug/L	99
52) Ethylbenzene	9.25	91	271387	20.89	ug/L	99
53) m,p-Xylene	9.38	106	214516	43.46	ug/L	97
54) o-xylene	9.78	106	117721	24.44	ug/L	98
56) Isopropylbenzene	10.17	105	18975	1.50	ug/L	97

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

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#14

Carbon disulfide

Concen: 1.76 ug/L

RT: 2.48 min Scan# 587

Delta R.T. -0.00 min

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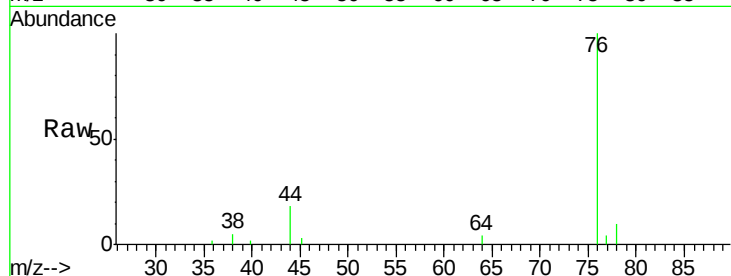
Acq: 08 May 2018 21:22

Tgt Ion: 76 Resp: 13550

Ion Ratio Lower Upper

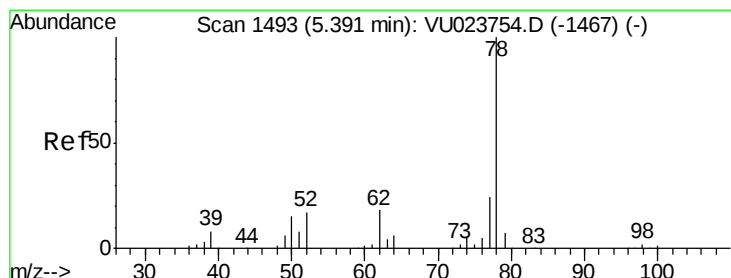
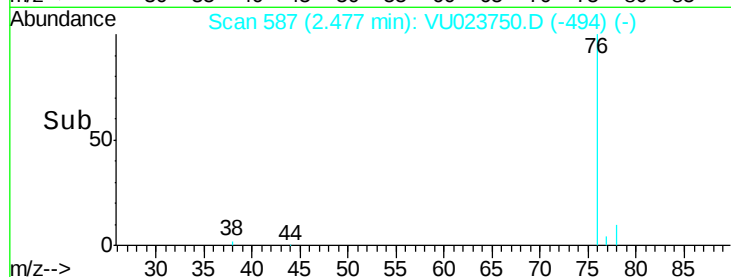
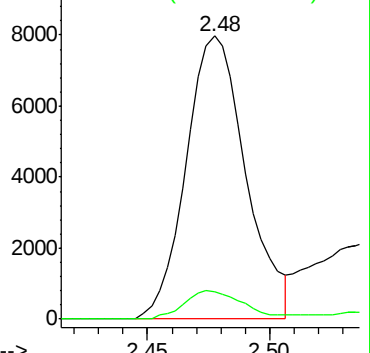
76 100

78 9.8 7.0 10.4



Abundance Ion 76.00 (75.70 to 76.70): VU023750.D (-573) (-)

Ion 78.00 (77.70 to 78.70): VU023750.D (-573) (-)



#33

Benzene

Concen: 107.66 ug/L

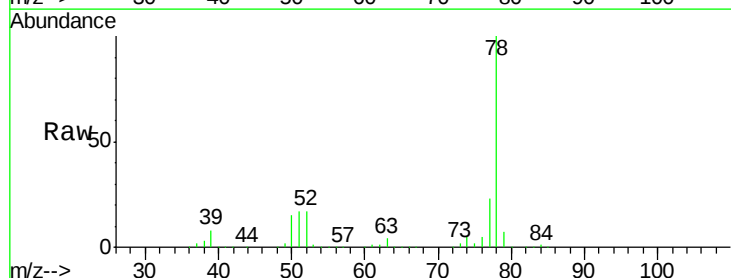
RT: 5.39 min Scan# 1494

Delta R.T. -0.00 min

Lab File: VU023750.D

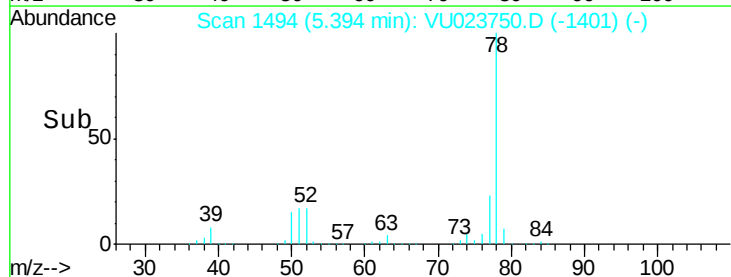
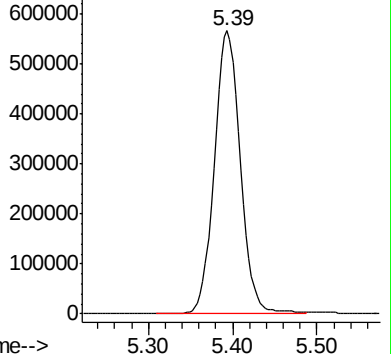
Acq: 08 May 2018 21:22

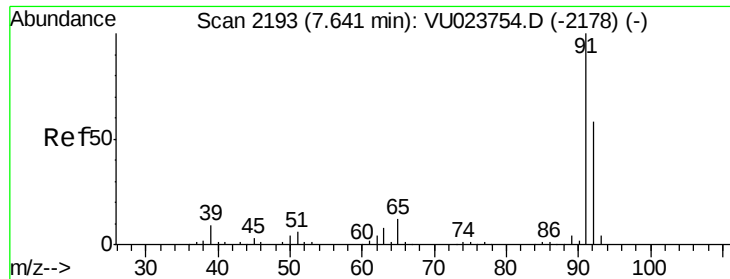
Tgt Ion: 78 Resp: 1215674



Abundance Ion 78.00 (77.70 to 78.70): VU023750.D (-1401) (-)

Ion 78.00 (77.70 to 78.70): VU023750.D (-1401) (-)





#42

Toluene

Concen: 39.30 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU023750.D

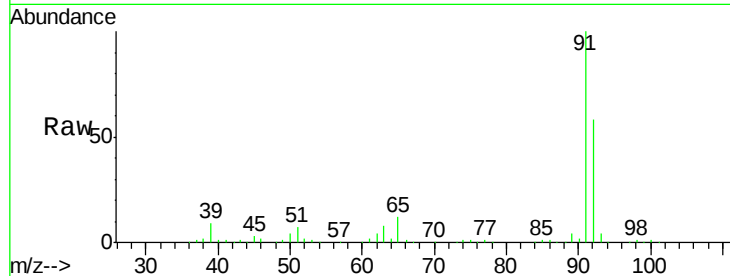
Acq: 08 May 2018 21:22

Tgt Ion: 91 Resp: 463676

Ion Ratio Lower Upper

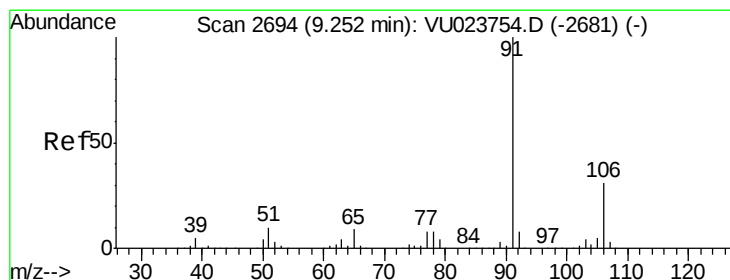
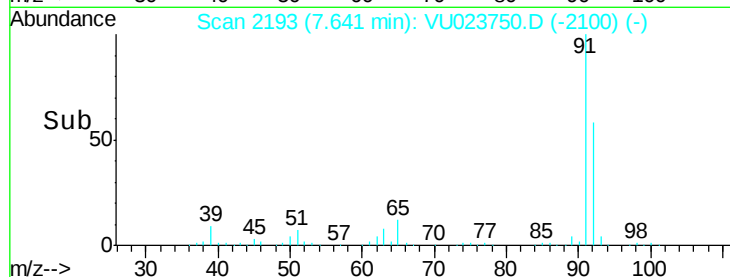
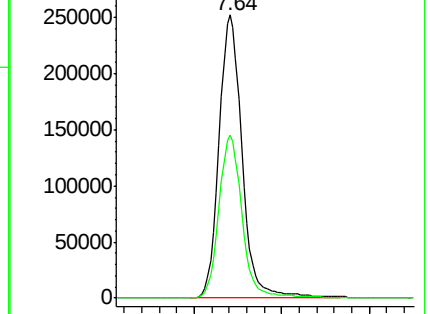
91 100

92 57.5 40.9 76.0



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0



#52

Ethylbenzene

Concen: 20.89 ug/L

RT: 9.25 min Scan# 2694

Delta R.T. -0.00 min

Lab File: VU023750.D

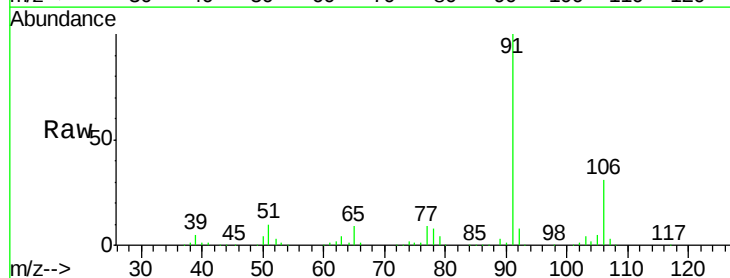
Acq: 08 May 2018 21:22

Tgt Ion: 91 Resp: 271387

Ion Ratio Lower Upper

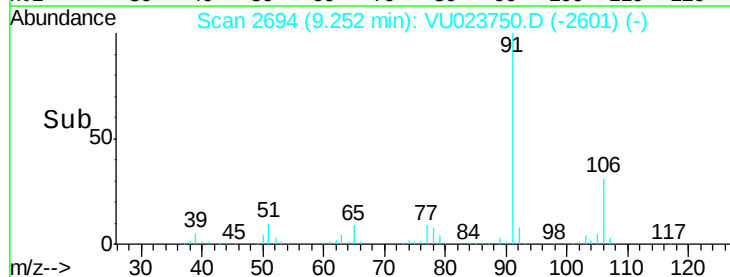
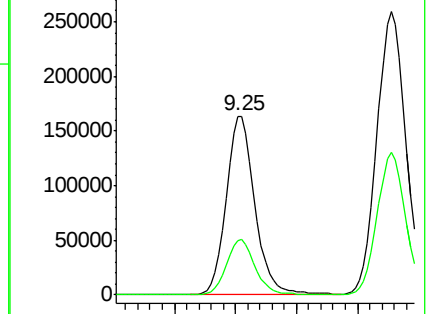
91 100

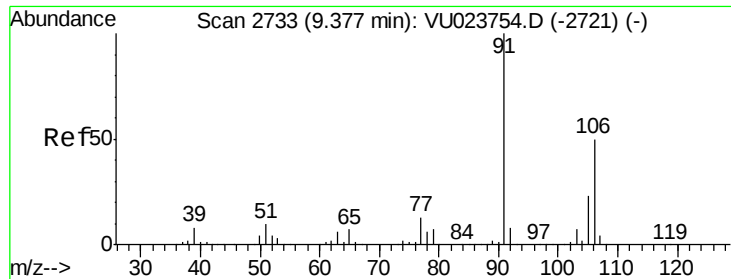
106 30.5 21.8 40.4



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V





#53

m,p-Xylene

Concen: 43.46 ug/L

RT: 9.38 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VU023750.D

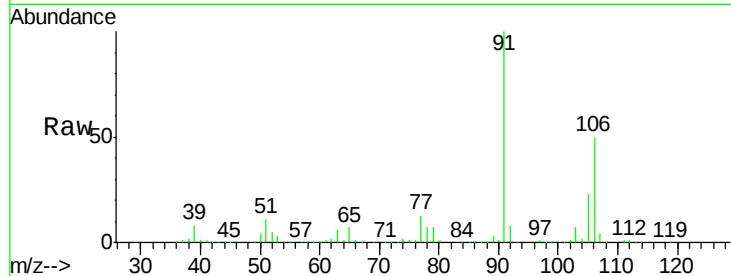
Acq: 08 May 2018 21:22

Tgt Ion:106 Resp: 214516

Ion Ratio Lower Upper

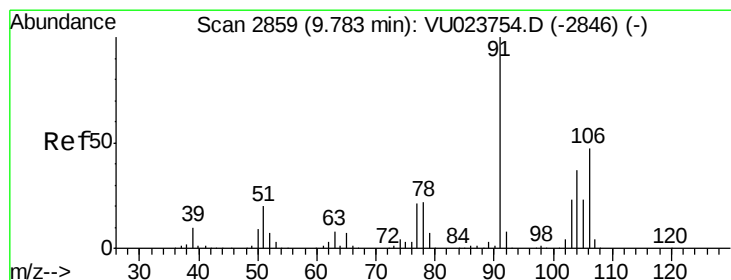
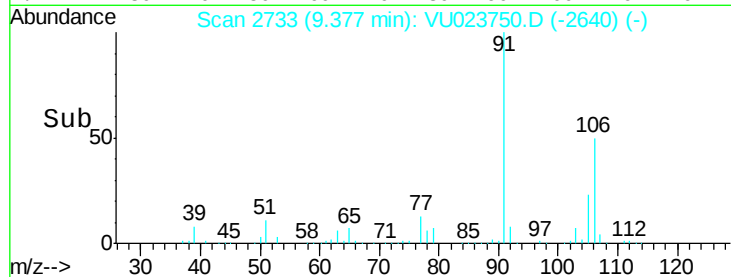
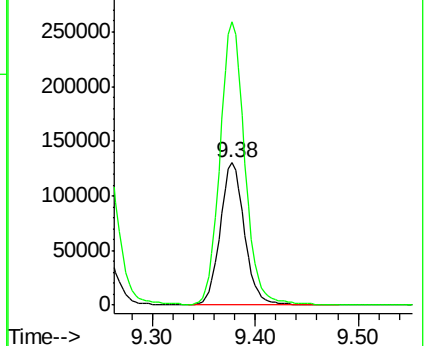
106 100

91 199.1 142.2 264.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#54

o-xylene

Concen: 24.44 ug/L

RT: 9.78 min Scan# 2859

Delta R.T. -0.00 min

Lab File: VU023750.D

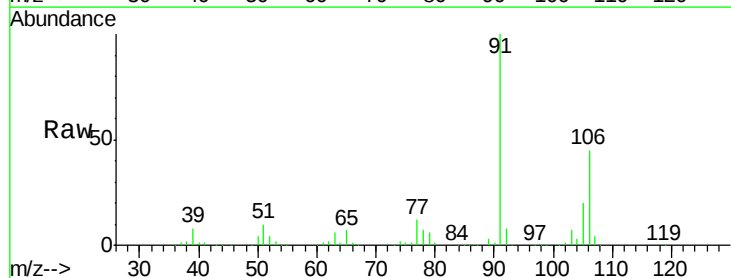
Acq: 08 May 2018 21:22

Tgt Ion:106 Resp: 117721

Ion Ratio Lower Upper

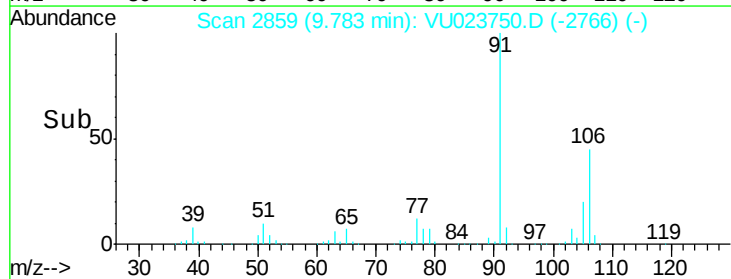
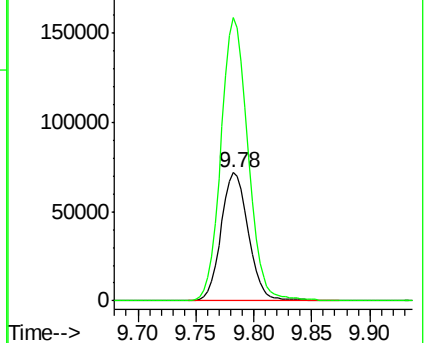
106 100

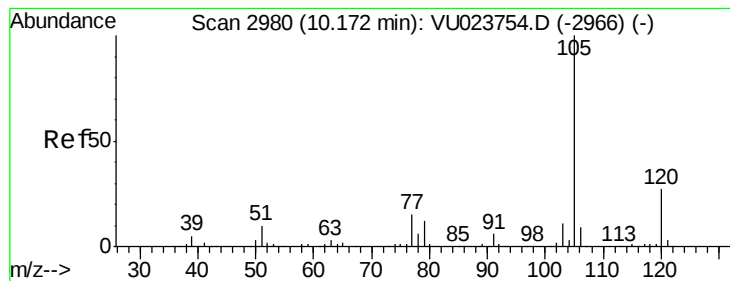
91 221.1 152.6 283.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0





#56

Isopropylbenzene

Concen: 1.50 ug/L

RT: 10.17 min Scan# 2980

Delta R.T. -0.00 min

Lab File: VU023750.D

Acq: 08 May 2018 21:22

Tgt Ion:	105	Resp:	18975
Ion	Ratio	Lower	Upper
105	100		
120	25.3	21.3	31.9
77	17.1	12.3	18.5

