

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050718\
 Data File : VU023716.D
 Acq On : 07 May 2018 15:28
 Operator : MD/SY
 Sample : J2725-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 08 04:50:00 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 08 04:32:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	358160	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	347106	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	178124	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	94997	37.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.84%
7) Chloroethane-d5	1.68	69	77321	39.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.92%
11) 1,1-Dichloroethene-d2	2.27	63	144170	29.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.26%#
21) 2-Butanone-d5	4.18	46	232997	132.85	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	132.85%#
24) Chloroform-d	4.65	84	189723	45.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.38%
26) 1,2-Dichloroethane-d4	5.31	65	130681	44.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.52%
32) Benzene-d6	5.35	84	404839	43.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.94%
36) 1,2-Dichloropropane-d6	6.34	67	137367	44.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.08%
41) Toluene-d8	7.57	98	362054	42.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.34%
43) trans-1,3-Dichloropropene-	7.85	79	57151	42.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.12%
47) 2-Hexanone-d5	8.31	63	181521	153.23	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	153.23%#
57) 1,1,2,2-Tetrachloroethane-	10.44	84	200390	49.66	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.32%
64) 1,2-Dichlorobenzene-d4	11.86	152	160157	46.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.18%

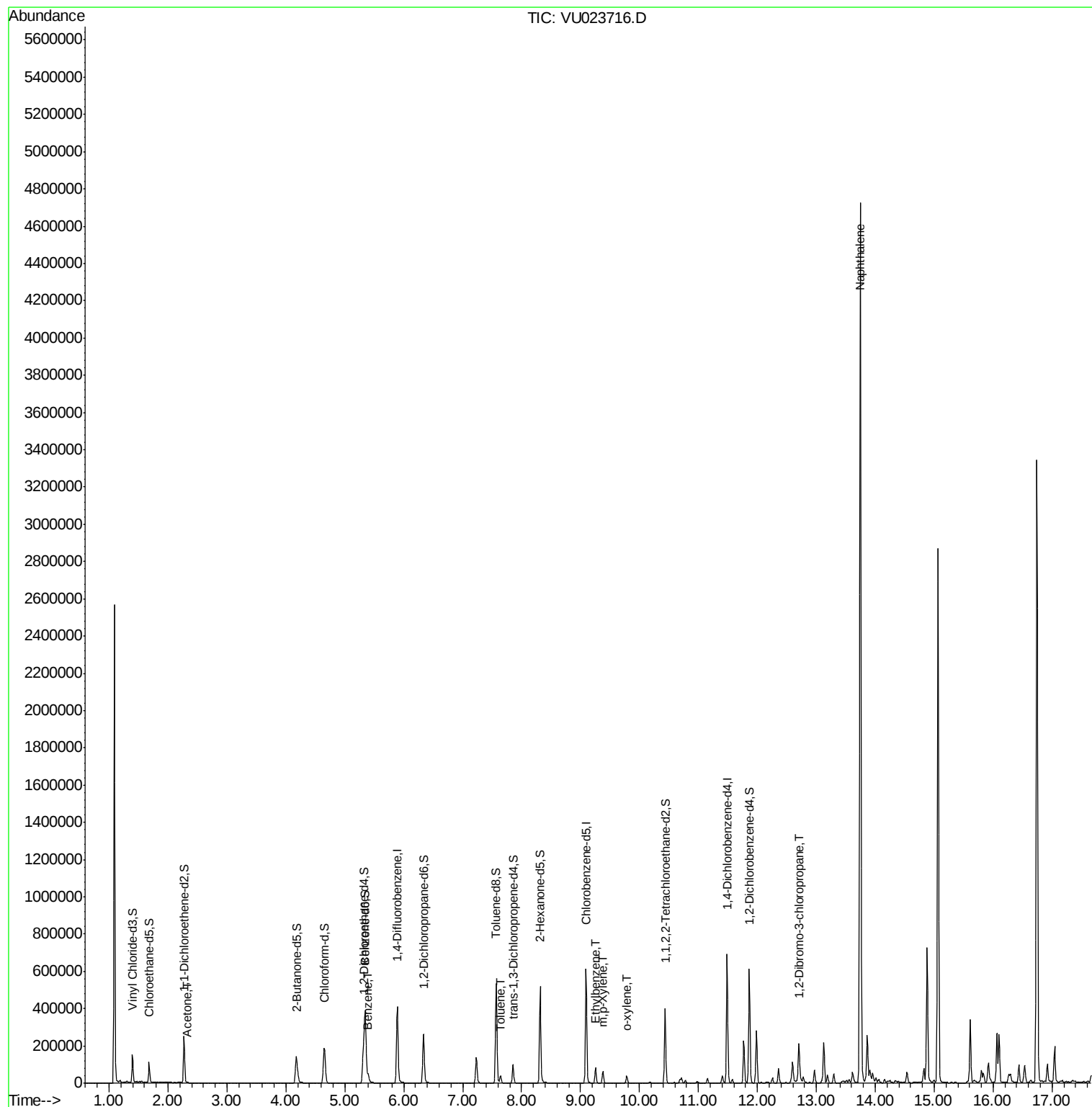
Target Compounds

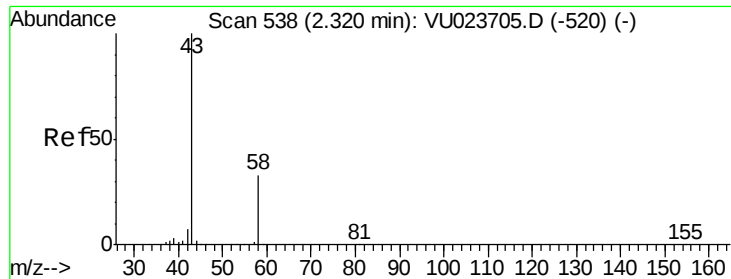
						Qvalue
13) Acetone	2.32	43	4340	1.67	ug/L	98
33) Benzene	5.39	78	40240	3.29	ug/L	100
42) Toluene	7.64	91	28922	2.28	ug/L	98
52) Ethylbenzene	9.26	91	56969	4.15	ug/L	100
53) m,p-Xylene	9.38	106	19152	3.65	ug/L	98
54) o-xylene	9.78	106	10862	2.19	ug/L	93
66) 1,2-Dibromo-3-chloropropan	12.70	75	4477	4.69	ug/L #	1
69) Naphthalene	13.75	128	3613654	301.36	ug/L	100

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

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QLast Update : Tue May 08 04:32:26 2018
Response via : Initial Calibration





#13

Acetone

Concen: 1.67 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU023716.D

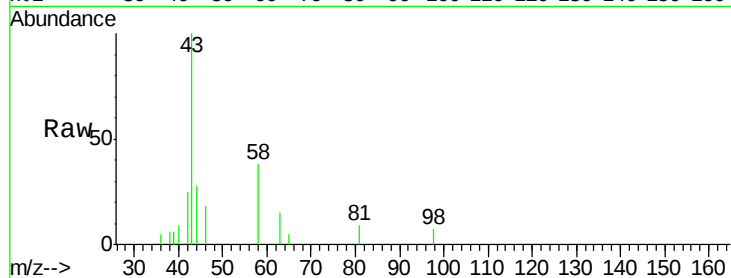
Acq: 07 May 2018 15:28

Tgt Ion: 43 Resp: 4340

Ion Ratio Lower Upper

43 100

58 33.5 0.0 64.8



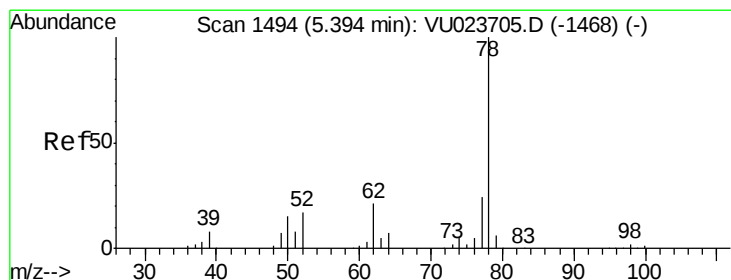
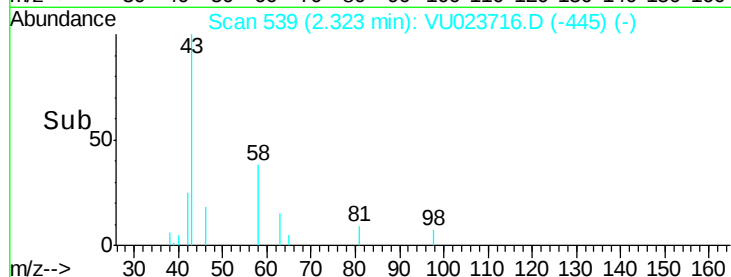
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

2.35

Time-->



#33

Benzene

Concen: 3.29 ug/L

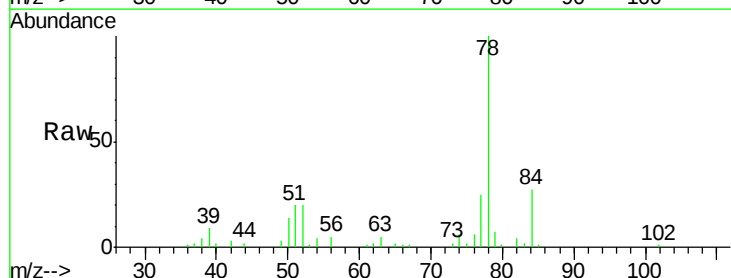
RT: 5.39 min Scan# 1494

Delta R.T. 0.00 min

Lab File: VU023716.D

Acq: 07 May 2018 15:28

Tgt Ion: 78 Resp: 40240

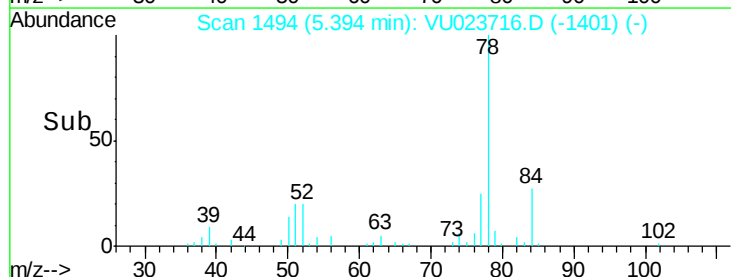


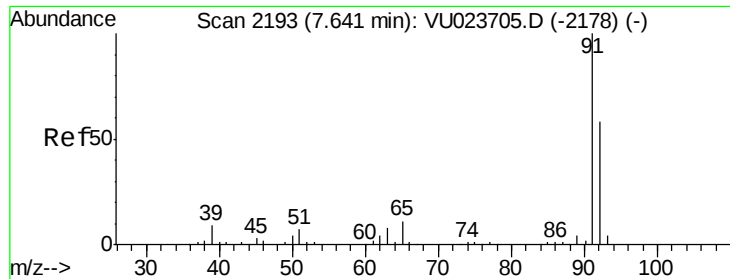
Abundance Ion 78.00 (77.70 to 78.70): VU0

5.39

5.45

Time-->





#42

Toluene

Concen: 2.28 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU023716.D

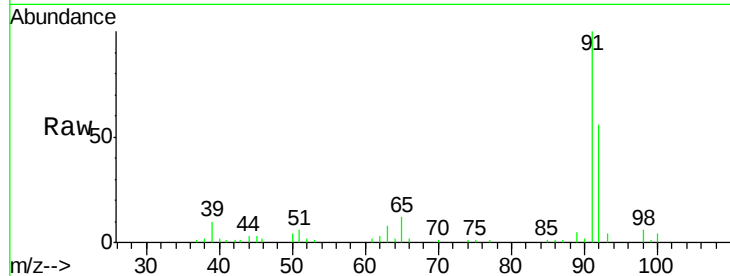
Acq: 07 May 2018 15:28

Tgt Ion: 91 Resp: 28922

Ion Ratio Lower Upper

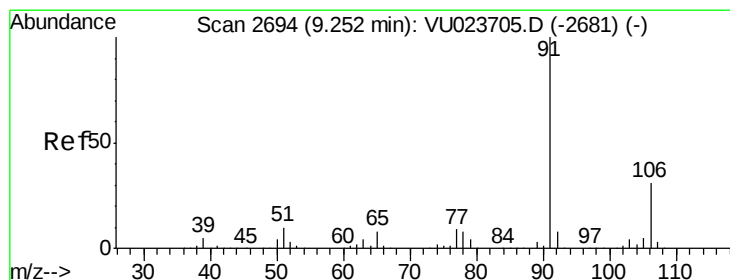
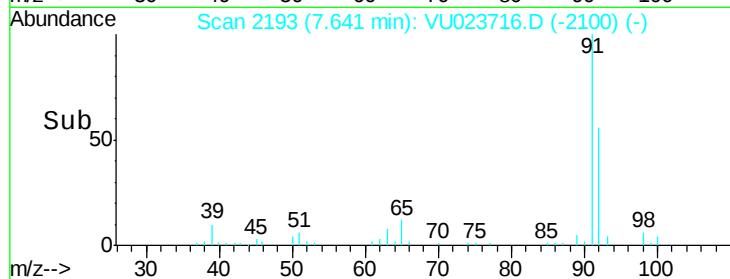
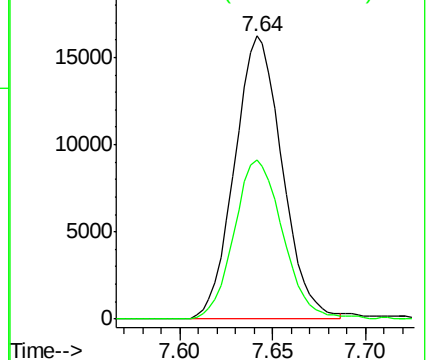
91 100

92 56.3 40.3 74.9



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0



#52

Ethylbenzene

Concen: 4.15 ug/L

RT: 9.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VU023716.D

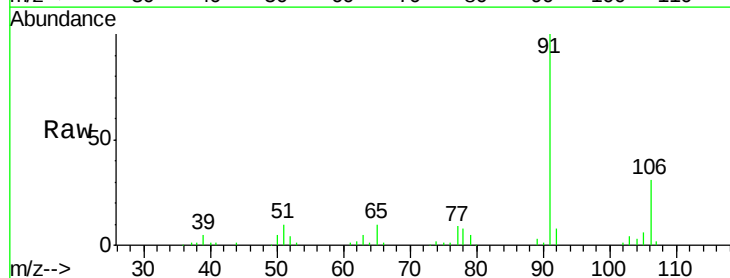
Acq: 07 May 2018 15:28

Tgt Ion: 91 Resp: 56969

Ion Ratio Lower Upper

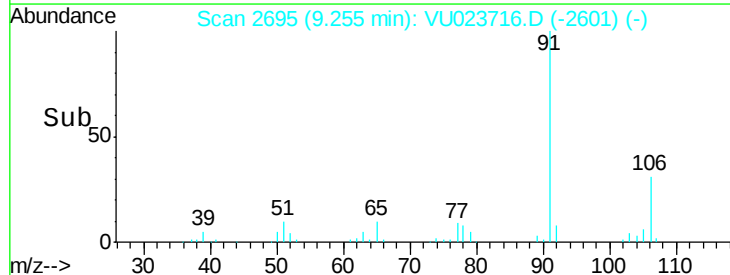
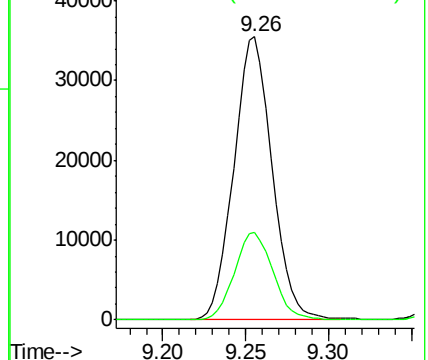
91 100

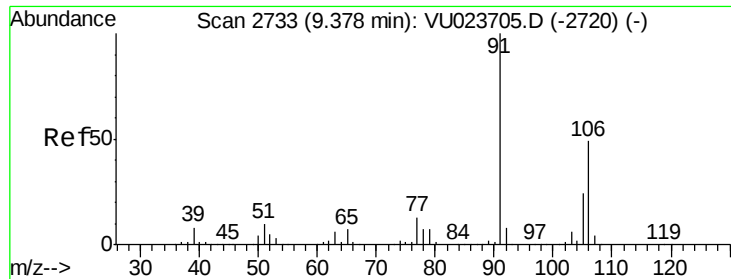
106 31.0 21.6 40.0



Abundance Ion 91.00 (90.70 to 91.70): VU0

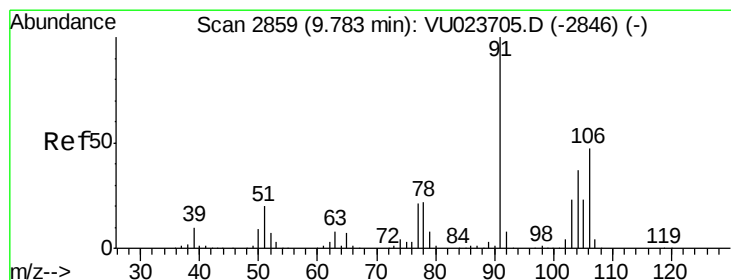
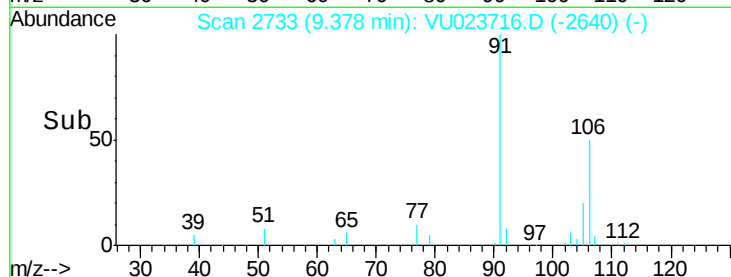
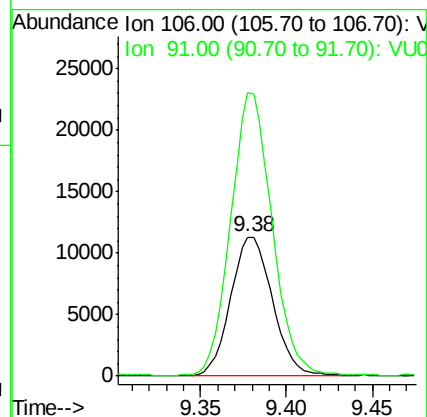
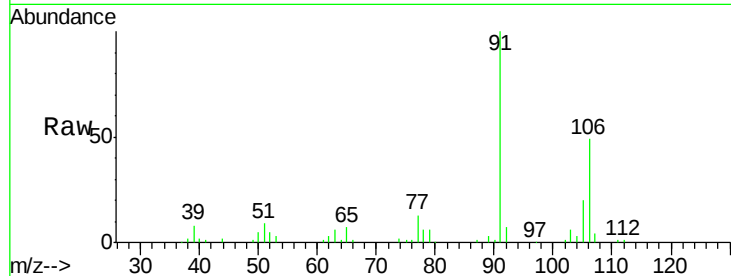
Ion 106.00 (105.70 to 106.70): V





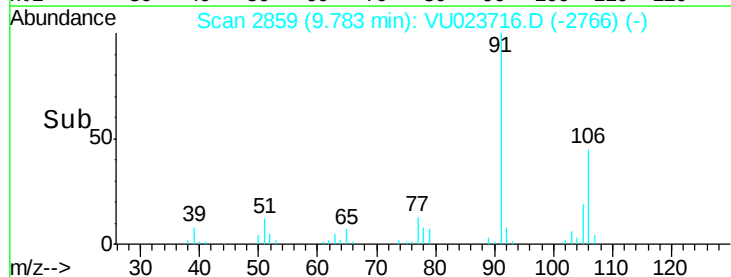
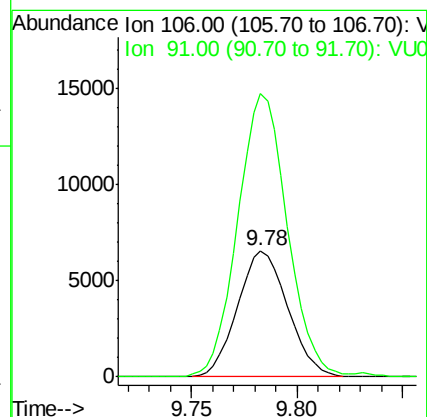
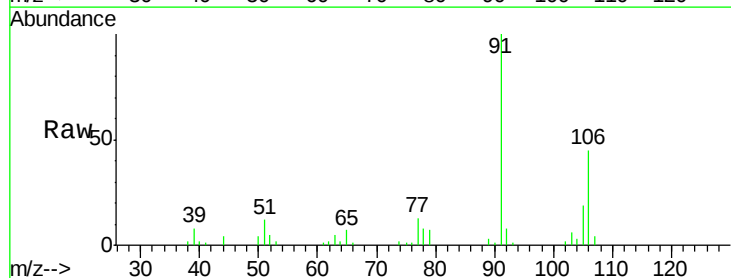
#53
m,p-Xylene
Concen: 3.65 ug/L
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU023716.D
Acq: 07 May 2018 15:28

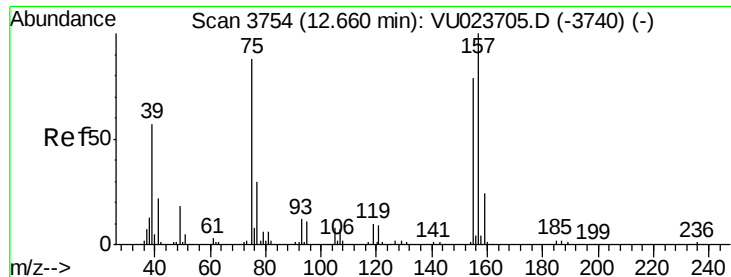
Tgt Ion:106 Resp: 19152
Ion Ratio Lower Upper
106 100
91 203.2 144.1 267.5



#54
o-xylene
Concen: 2.19 ug/L
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU023716.D
Acq: 07 May 2018 15:28

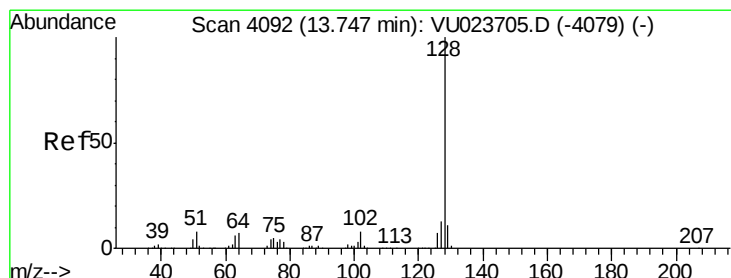
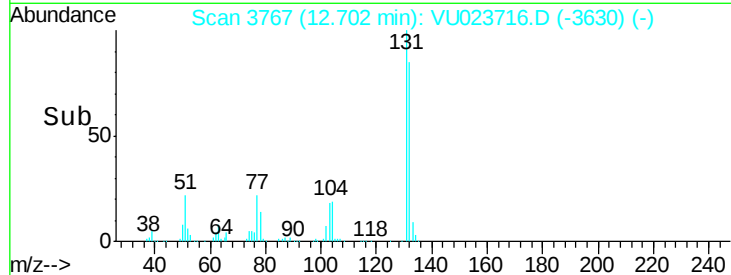
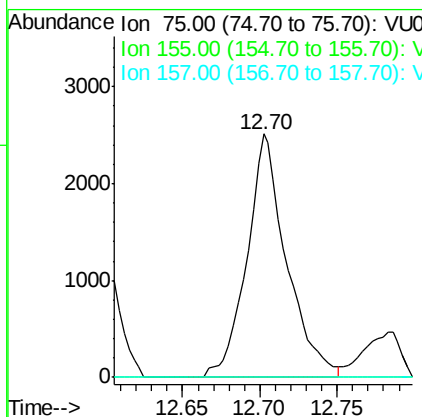
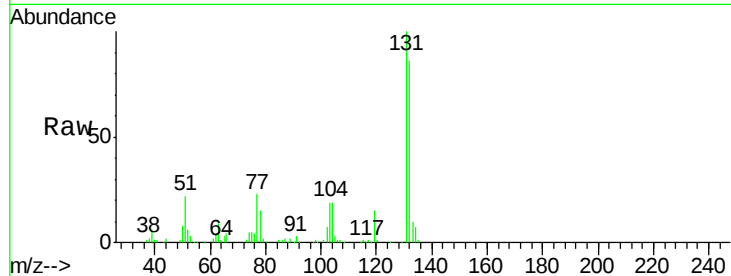
Tgt Ion:106 Resp: 10862
Ion Ratio Lower Upper
106 100
91 224.1 148.9 276.5





#66
 1,2-Dibromo-3-chloropropane
 Concen: 4.69 ug/L
 RT: 12.70 min Scan# 3767
 Delta R.T. 0.04 min
 Lab File: VU023716.D
 Acq: 07 May 2018 15:28

Tgt Ion: 75 Resp: 4477
 Ion Ratio Lower Upper
 75 100
 155 0.0 68.9 103.3#
 157 0.0 89.9 134.9#



#69
 Naphthalene
 Concen: 301.36 ug/L
 RT: 13.75 min Scan# 4092
 Delta R.T. 0.00 min
 Lab File: VU023716.D
 Acq: 07 May 2018 15:28

Tgt Ion: 128 Resp: 3613654
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.3 15.5
 129 10.9 8.6 13.0

