

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050718\
 Data File : VU023717.D
 Acq On : 07 May 2018 15:54
 Operator : MD/SY
 Sample : J2725-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 15 16:32:49 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	336660	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	319680	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	175709	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	98049	41.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.18%
7) Chloroethane-d5	1.68	69	81457	44.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.58%
11) 1,1-Dichloroethene-d2	2.27	63	153109	32.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.82%
21) 2-Butanone-d5	4.18	46	234910	142.49	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	142.49%#
24) Chloroform-d	4.65	84	196787	49.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.74%
26) 1,2-Dichloroethane-d4	5.31	65	133459	48.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.26%
32) Benzene-d6	5.35	84	418165	48.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.50%
36) 1,2-Dichloropropane-d6	6.34	67	144732	50.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.76%
41) Toluene-d8	7.57	98	383992	48.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.12%
43) trans-1,3-Dichloropropene-	7.85	79	59090	47.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.56%
47) 2-Hexanone-d5	8.31	63	180140	165.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	165.12%#
57) 1,1,2,2-Tetrachloroethane-	10.44	84	200935	54.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.14%
64) 1,2-Dichlorobenzene-d4	11.86	152	167691	48.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.84%

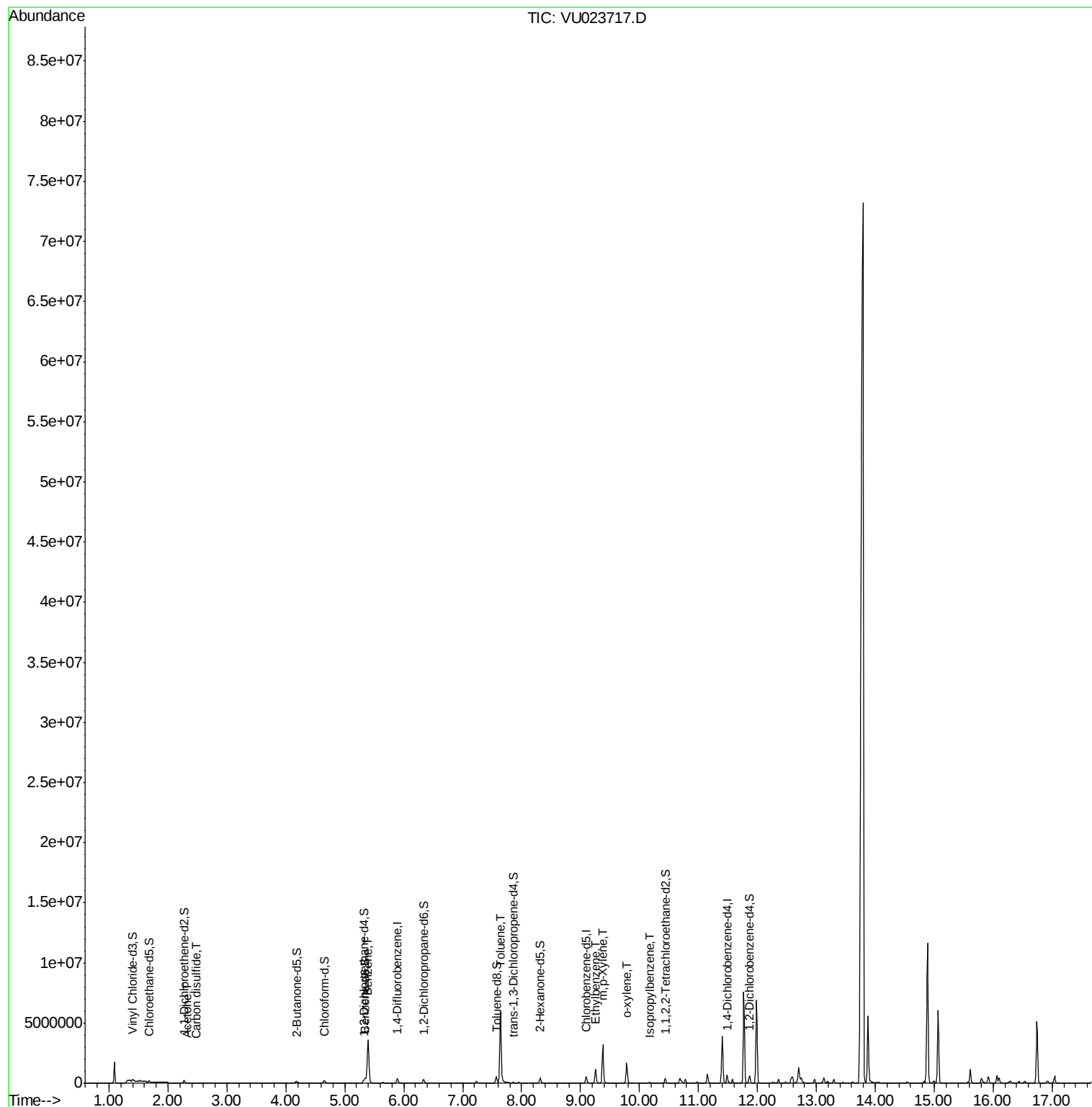
Target Compounds

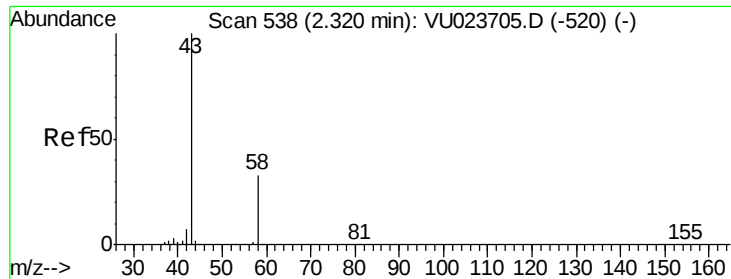
						Ovalue
13) Acetone	2.32	43	24682	10.08	ug/L	99
14) Carbon disulfide	2.48	76	24796	2.93	ug/L	100
33) Benzene	5.39	78	3556052	315.67	ug/L	100
42) Toluene	7.64	91	4633869	396.87	ug/L	98
52) Ethylbenzene	9.26	91	887367	70.11	ug/L	99
53) m,p-Xylene	9.38	106	921028	190.79	ug/L	99
54) o-xylene	9.78	106	463284	101.29	ug/L	98
56) Isopropylbenzene	10.17	105	41814	3.48	ug/L	98

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

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#13

Acetone

Concen: 10.08 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU023717.D

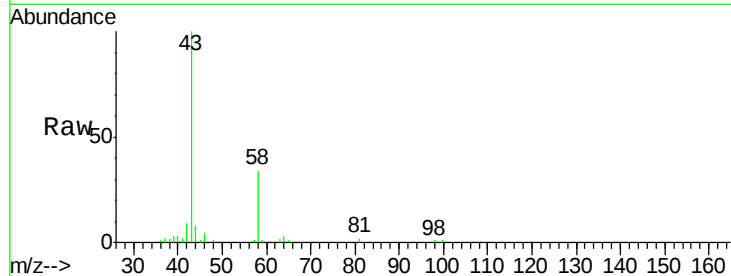
Acq: 07 May 2018 15:54

Tot Ion: 43 Resp: 24682

Ion Ratio Lower Upper

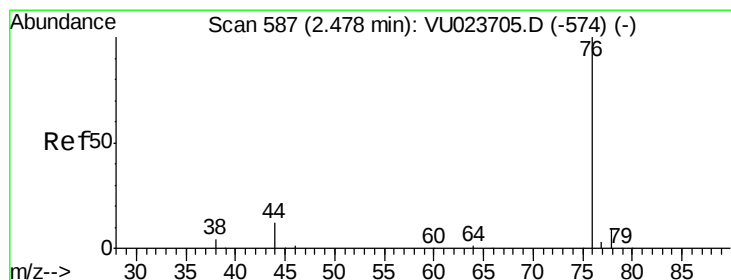
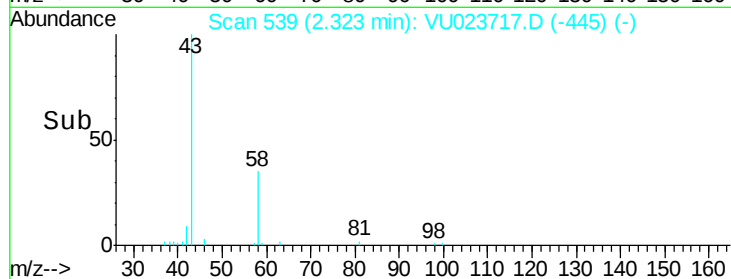
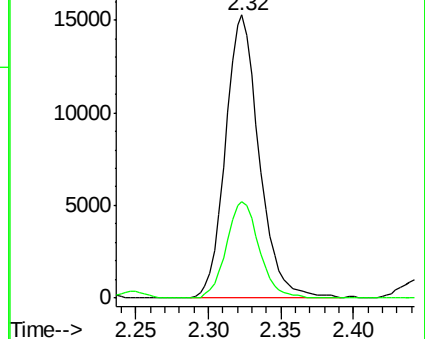
43 100

58 33.2 0.0 64.8



Abundance Ion 43.00 (42.70 to 43.70): VU023717.D (-445) (-)

Ion 58.00 (57.70 to 58.70): VU023717.D (-445) (-)



#14

Carbon disulfide

Concen: 2.93 ug/L

RT: 2.48 min Scan# 587

Delta R.T. -0.00 min

Lab File: VU023717.D

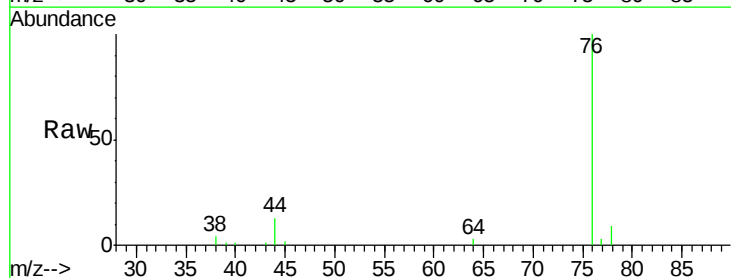
Acq: 07 May 2018 15:54

Tgt Ion: 76 Resp: 24796

Ion Ratio Lower Upper

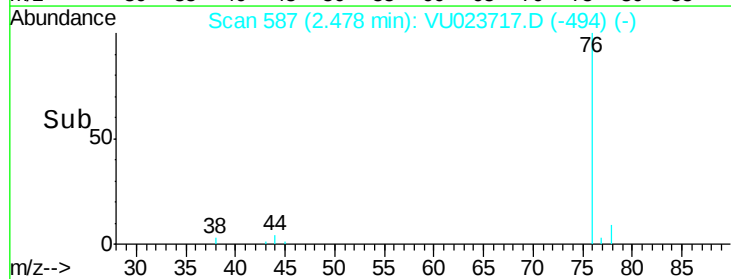
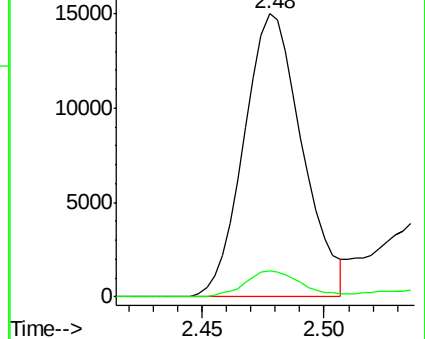
76 100

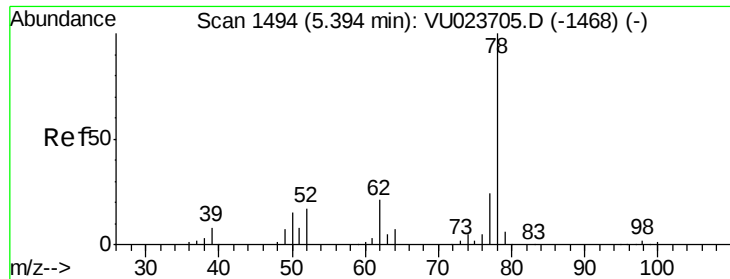
78 9.4 7.4 11.2



Abundance Ion 76.00 (75.70 to 76.70): VU023717.D (-494) (-)

Ion 78.00 (77.70 to 78.70): VU023717.D (-494) (-)





#33

Benzene

Concen: 315.67 ug/L

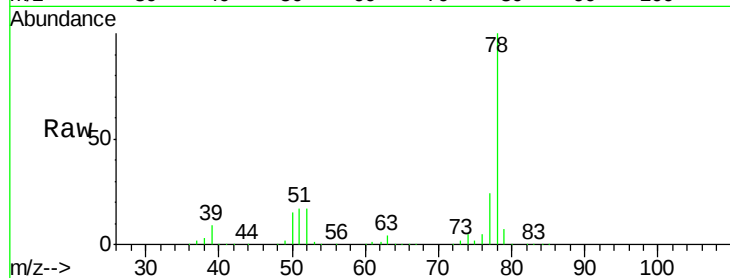
RT: 5.39 min Scan# 1494

Delta R.T. -0.00 min

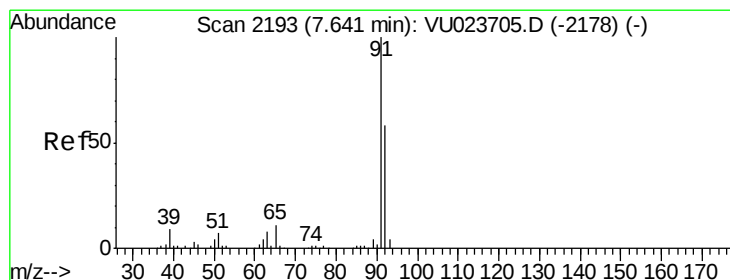
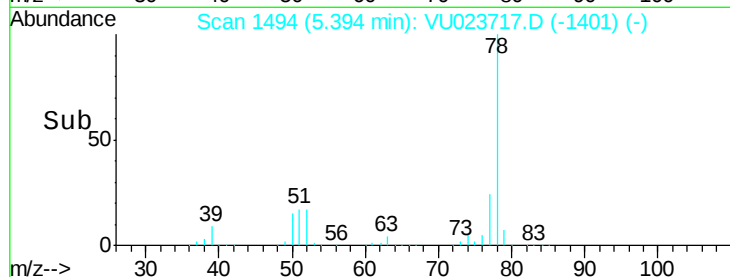
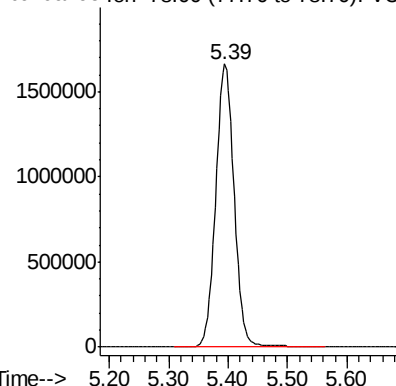
Lab File: VU023717.D

Acq: 07 May 2018 15:54

Tgt Ion: 78 Resp: 3556052



Abundance Ion 78.00 (77.70 to 78.70): VU0



#42

Toluene

Concen: 396.87 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU023717.D

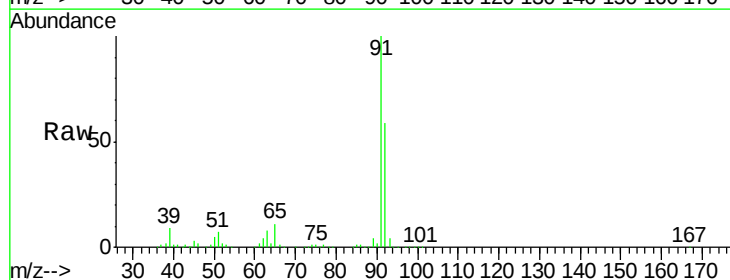
Acq: 07 May 2018 15:54

Tgt Ion: 91 Resp: 4633869

Ion Ratio Lower Upper

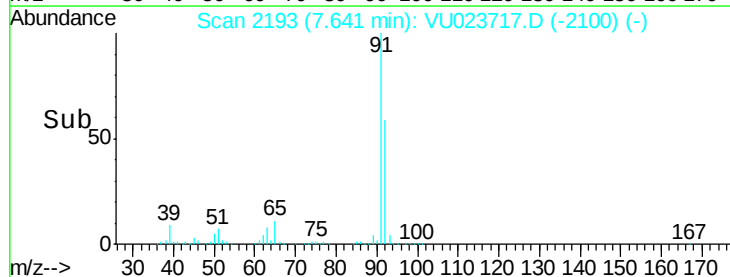
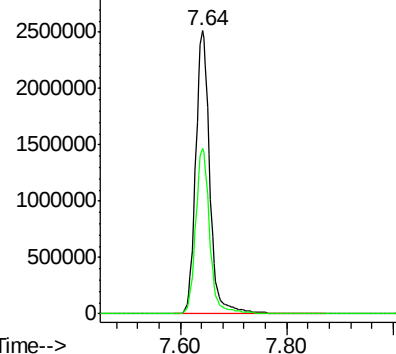
91 100

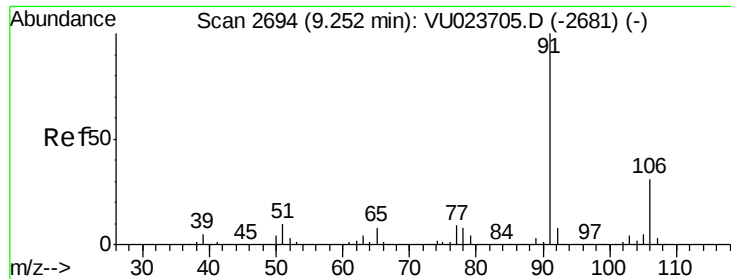
92 58.7 40.3 74.9



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0





#52

Ethylbenzene

Concen: 70.11 ug/L

RT: 9.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VU023717.D

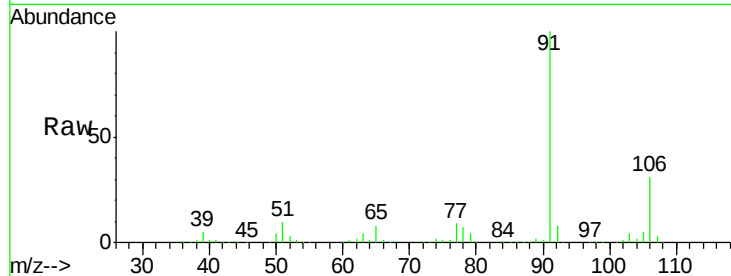
Acq: 07 May 2018 15:54

Tot Ion: 91 Resp: 887367

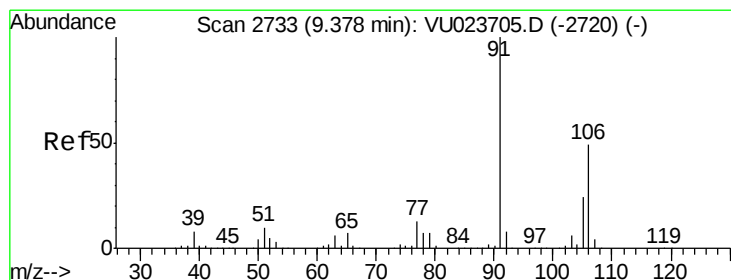
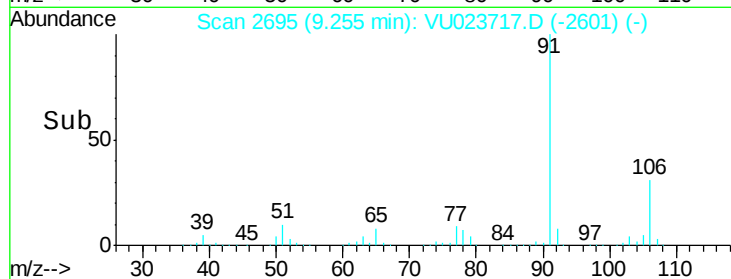
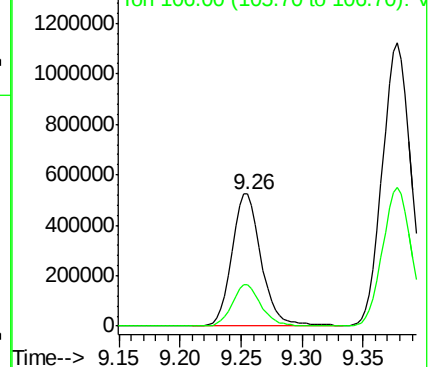
Ion Ratio Lower Upper

91 100

106 31.2 21.6 40.0



Abundance Ion 91.00 (90.70 to 91.70): VU023717.D (-2681) (-)



#53

m,p-Xylene

Concen: 190.79 ug/L

RT: 9.38 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VU023717.D

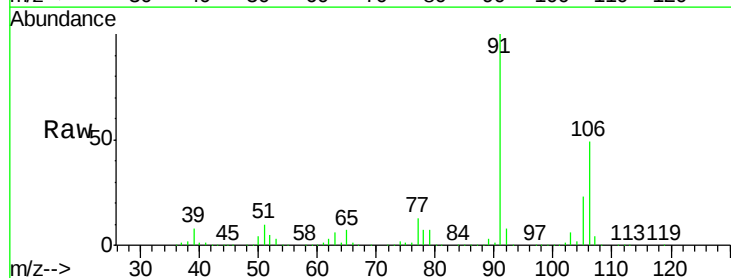
Acq: 07 May 2018 15:54

Tgt Ion: 106 Resp: 921028

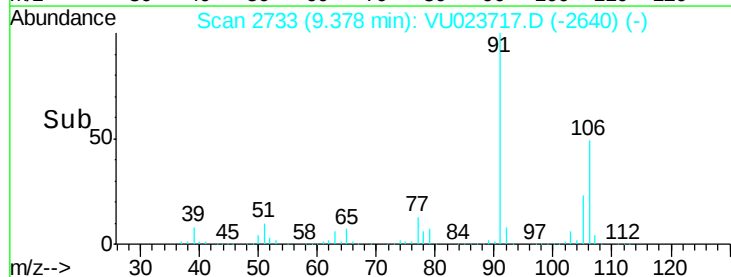
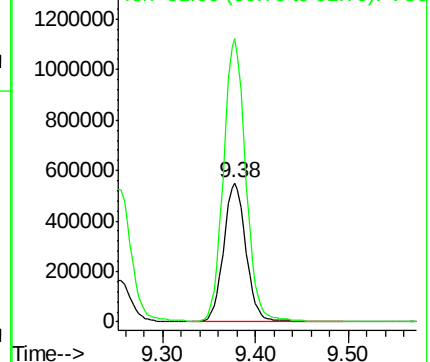
Ion Ratio Lower Upper

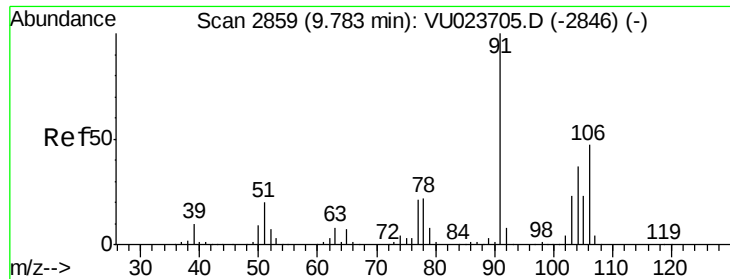
106 100

91 203.8 144.1 267.5



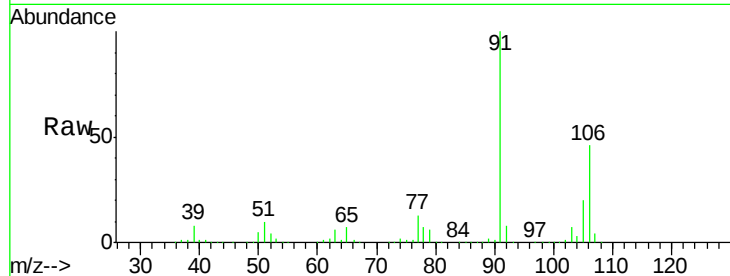
Abundance Ion 106.00 (105.70 to 106.70): VU023717.D (-2720) (-)



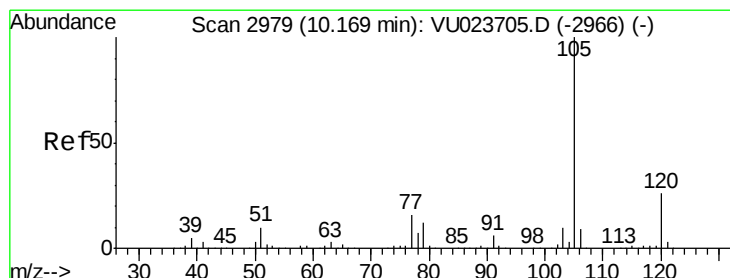
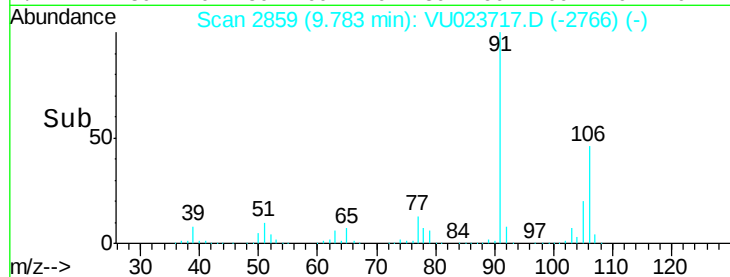
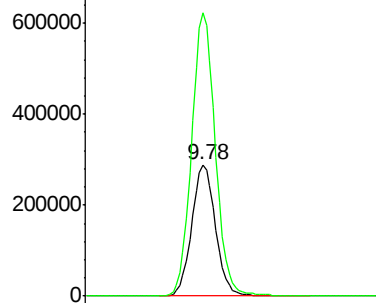


#54
o-xylene
Concen: 101.29 ug/L
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU023717.D
Acq: 07 May 2018 15:54

Tot Ion:106 Resp: 463284
Ion Ratio Lower Upper
106 100
91 215.7 148.9 276.5

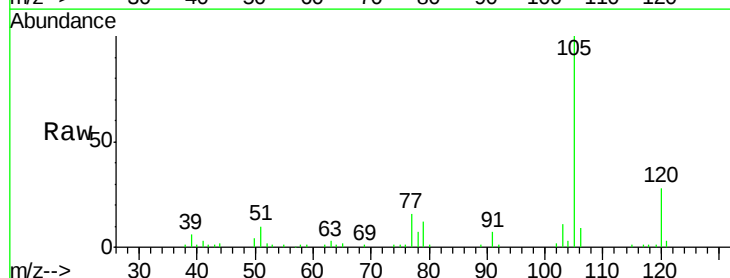


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0



#56
Isopropylbenzene
Concen: 3.48 ug/L
RT: 10.17 min Scan# 2980
Delta R.T. 0.00 min
Lab File: VU023717.D
Acq: 07 May 2018 15:54

Tgt Ion:105 Resp: 41814
Ion Ratio Lower Upper
105 100
120 27.3 20.9 31.3
77 15.5 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

