

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050818\
 Data File : VU023751.D
 Acq On : 08 May 2018 21:48
 Operator : MD/SY
 Sample : J2746-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Quant Time: May 09 03:42:02 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	373289	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	358580	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	195432	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	125548	43.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.00%
7) Chloroethane-d5	1.68	69	96926	44.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.90%
11) 1,1-Dichloroethene-d2	2.27	63	172330	31.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.70%
21) 2-Butanone-d5	4.18	46	219000	101.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.92%
24) Chloroform-d	4.65	84	219565	45.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.44%
26) 1,2-Dichloroethane-d4	5.31	65	146592	46.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.34%
32) Benzene-d6	5.35	84	474807	46.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.44%
36) 1,2-Dichloropropane-d6	6.34	67	159568	47.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.98%
41) Toluene-d8	7.57	98	435125	45.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.30%
43) trans-1,3-Dichloropropene-	7.85	79	67813	46.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.30%
47) 2-Hexanone-d5	8.31	63	162230	108.08	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.08%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	215077	47.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.50%
64) 1,2-Dichlorobenzene-d4	11.87	152	182506	45.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.18%

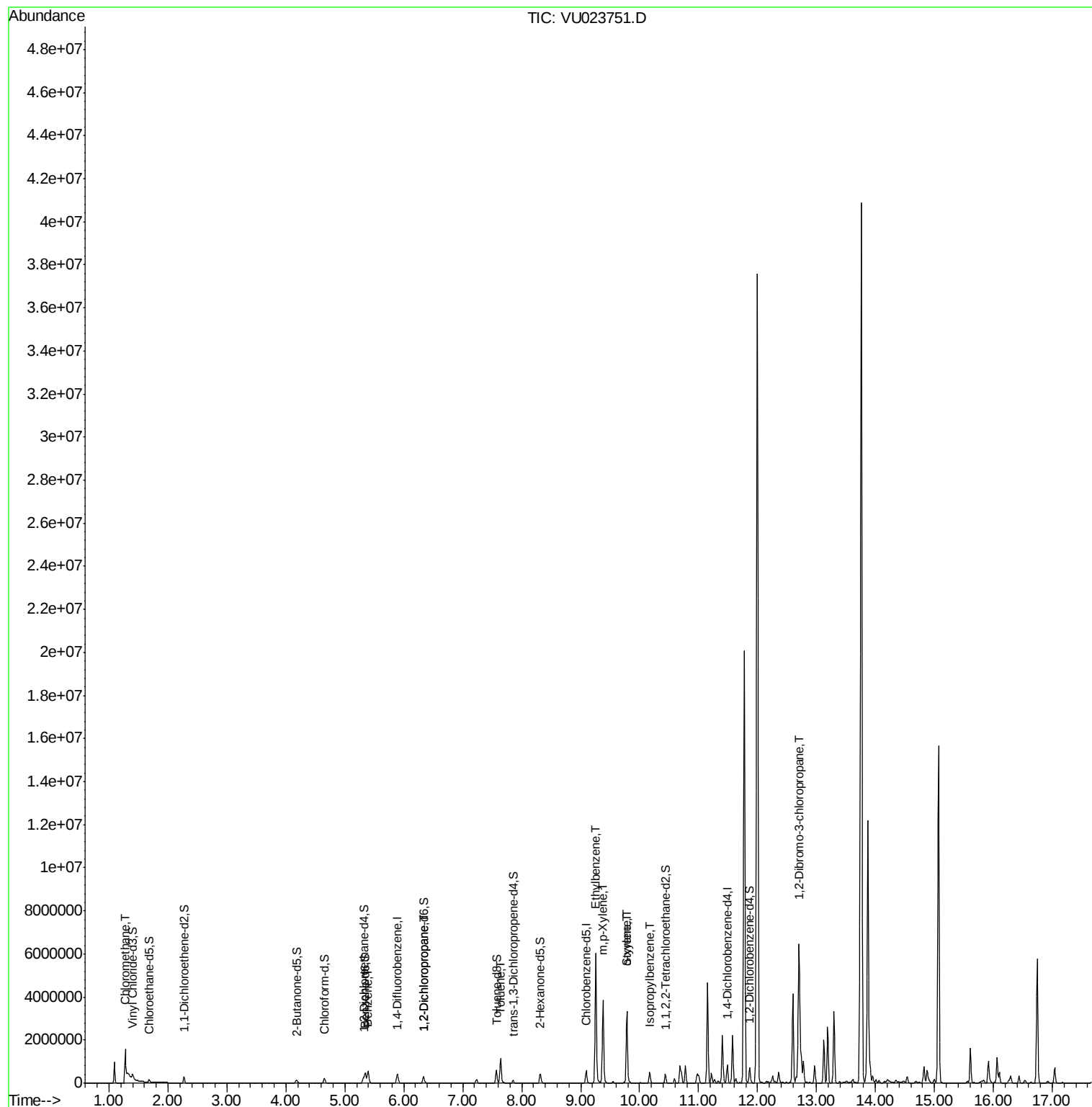
Target Compounds

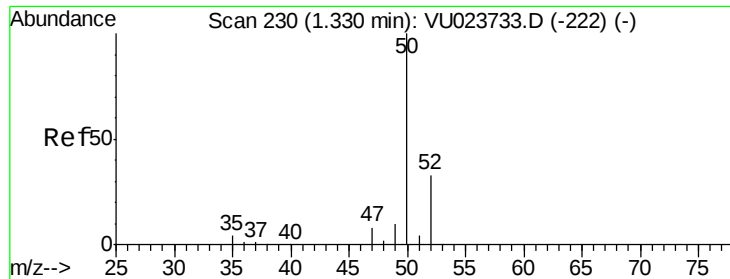
						Qvalue
3) Chloromethane	1.27	50	31897	10.12	ug/L	# 43
33) Benzene	5.39	78	553957	45.85	ug/L	100
37) 1,2-Dichloropropane	6.34	63	16271	4.74	ug/L	# 89
42) Toluene	7.64	91	885107	70.11	ug/L	100
52) Ethylbenzene	9.26	91	4386088	315.49	ug/L	100
53) m,p-Xylene	9.38	106	1123023	212.61	ug/L	100
54) o-xylene	9.78	106	884491	171.61	ug/L	99
55) Styrene	9.79	104	117754	13.35	ug/L	# 1
56) Isopropylbenzene	10.17	105	355131	26.28	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.70	75	157587	140.87	ug/L	# 1

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

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#3

Chloromethane

Concen: 10.12 ug/L

RT: 1.27 min Scan# 213

Delta R.T. -0.06 min

Lab File: VU023751.D

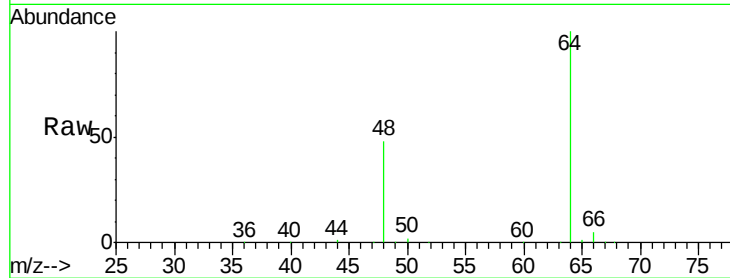
Acq: 08 May 2018 21:48

Tgt Ion: 50 Resp: 31897

Ion Ratio Lower Upper

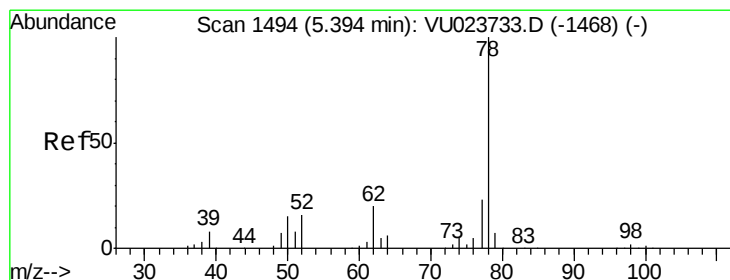
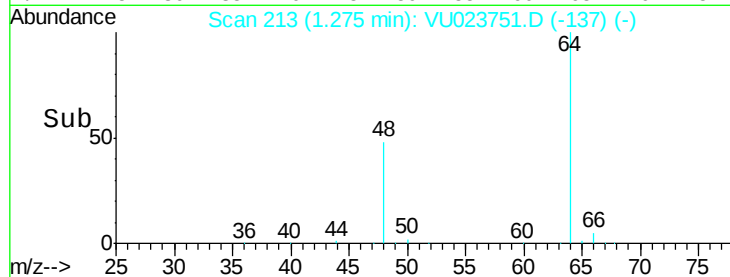
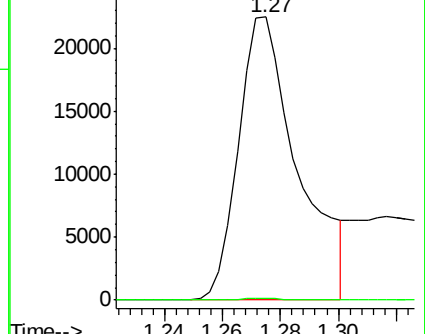
50 100

52 0.8 22.8 42.4#



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#33

Benzene

Concen: 45.85 ug/L

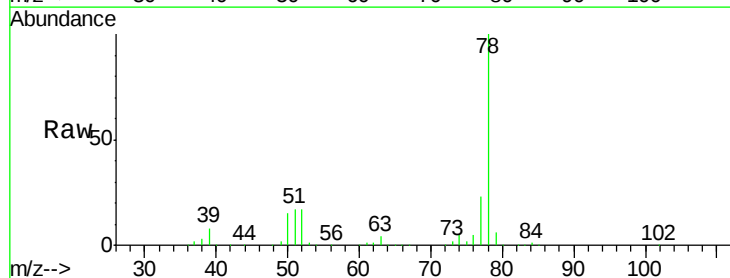
RT: 5.39 min Scan# 1494

Delta R.T. -0.00 min

Lab File: VU023751.D

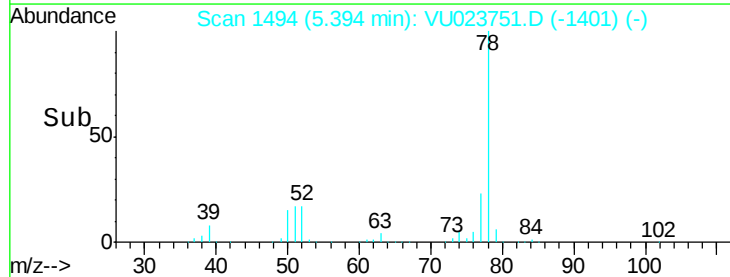
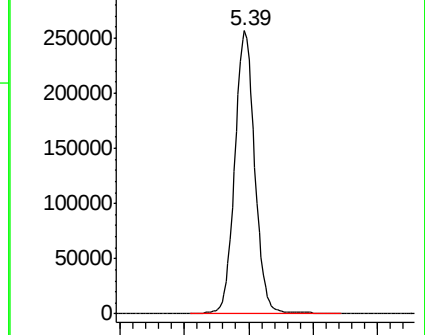
Acq: 08 May 2018 21:48

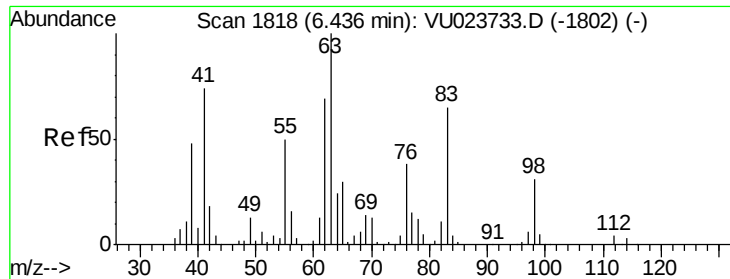
Tgt Ion: 78 Resp: 553957



Abundance Ion 78.00 (77.70 to 78.70): VU0

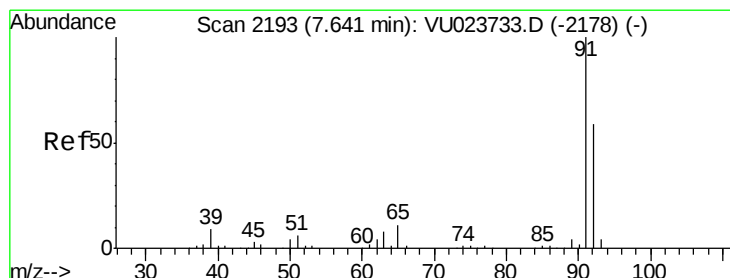
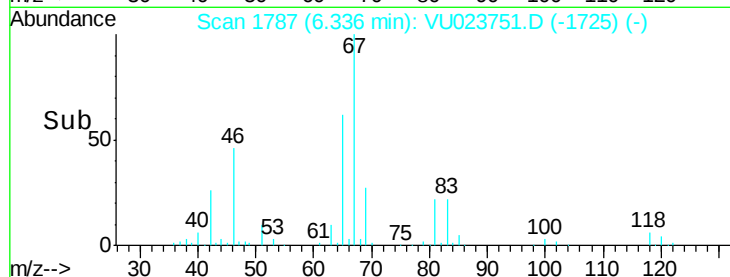
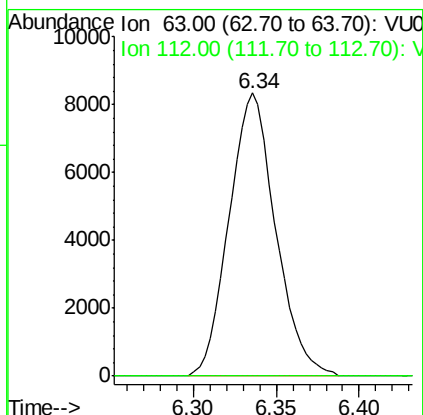
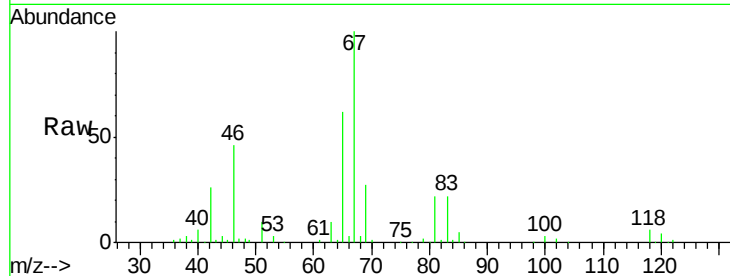
Ion 78.00 (77.70 to 78.70): VU0





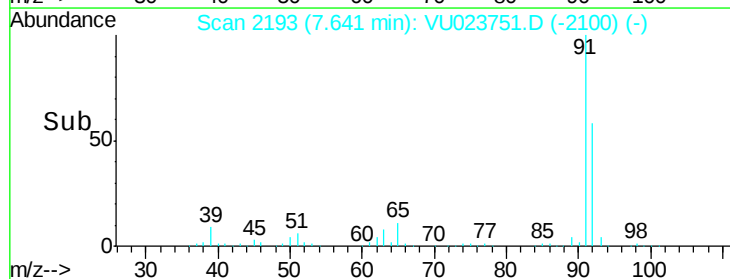
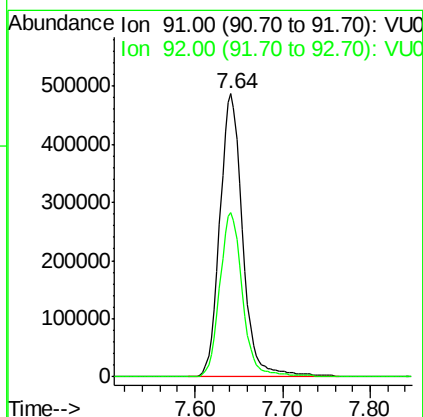
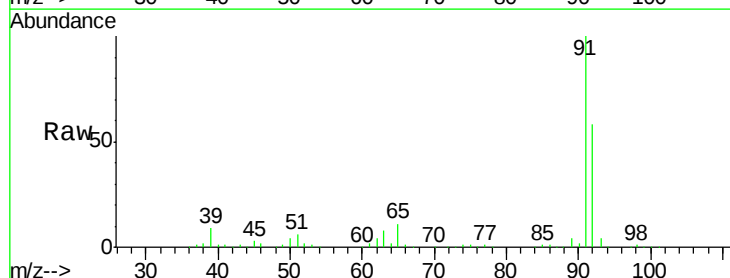
#37
 1,2-Dichloropropane
 Concen: 4.74 ug/L
 RT: 6.34 min Scan# 1787
 Delta R.T. -0.10 min
 Lab File: VU023751.D
 Acq: 08 May 2018 21:48

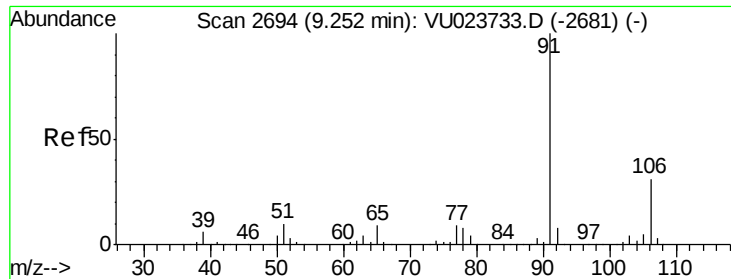
Tgt Ion: 63 Resp: 16271
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.8 4.2#



#42
 Toluene
 Concen: 70.11 ug/L
 RT: 7.64 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VU023751.D
 Acq: 08 May 2018 21:48

Tgt Ion: 91 Resp: 885107
 Ion Ratio Lower Upper
 91 100
 92 58.1 40.9 76.0





#52

Ethylbenzene

Concen: 315.49 ug/L

RT: 9.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VU023751.D

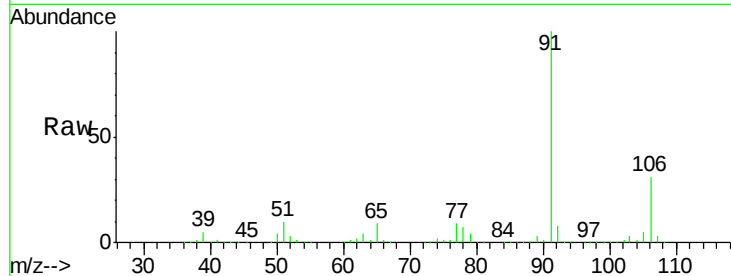
Acq: 08 May 2018 21:48

Tgt Ion: 91 Resp: 4386088

Ion Ratio Lower Upper

91 100

106 31.1 21.8 40.4



Abundance Ion 91.00 (90.70 to 91.70): VU023733.D (-2681) (-)

Ion 106.00 (105.70 to 106.70): VU023733.D (-2681) (-)

9.26

3000000

2500000

2000000

1500000

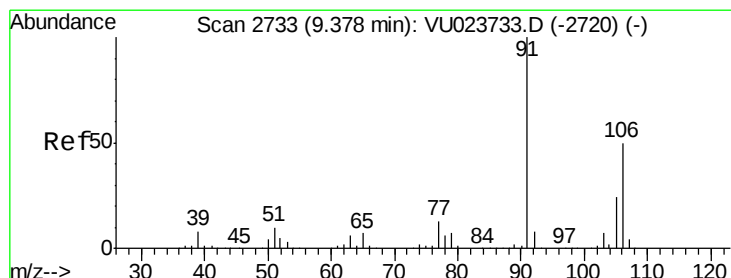
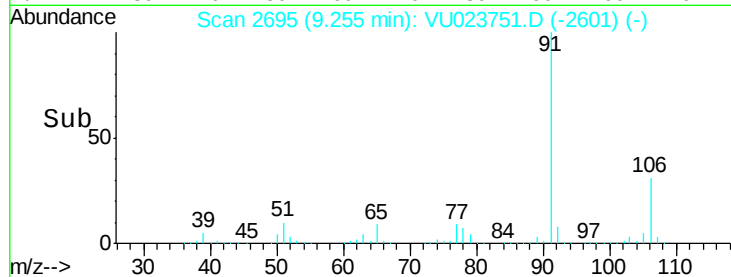
1000000

500000

0

Time-->

9.15 9.20 9.25 9.30 9.35



#53

m,p-Xylene

Concen: 212.61 ug/L

RT: 9.38 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VU023751.D

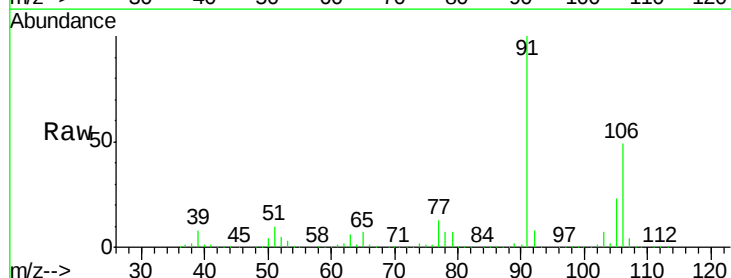
Acq: 08 May 2018 21:48

Tgt Ion: 106 Resp: 1123023

Ion Ratio Lower Upper

106 100

91 203.5 142.2 264.2



Abundance Ion 106.00 (105.70 to 106.70): VU023733.D (-2720) (-)

Ion 91.00 (90.70 to 91.70): VU023733.D (-2720) (-)

9.38

1500000

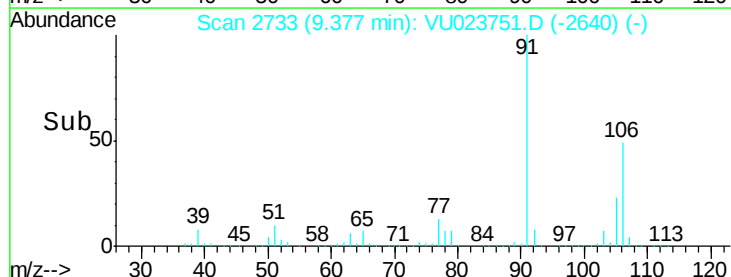
1000000

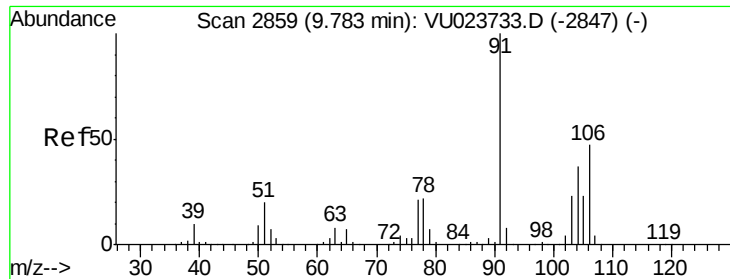
500000

0

Time-->

9.30 9.40 9.50





#54

o-xylene

Concen: 171.61 ug/L

RT: 9.78 min Scan# 2859

Delta R.T. -0.00 min

Lab File: VU023751.D

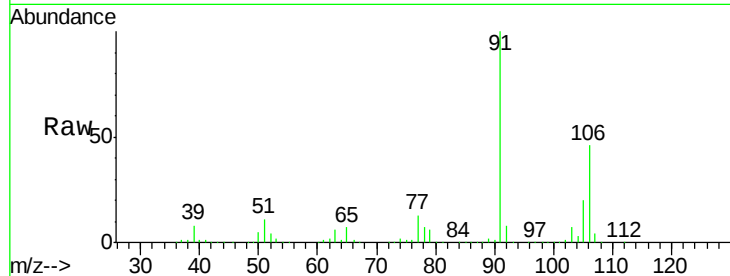
Acq: 08 May 2018 21:48

Tgt Ion:106 Resp: 884491

Ion Ratio Lower Upper

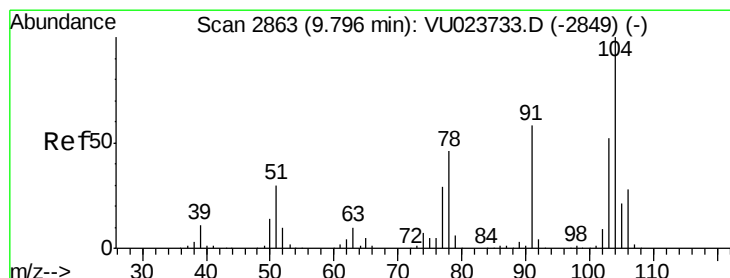
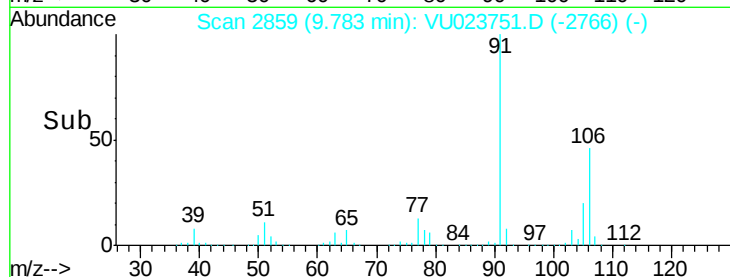
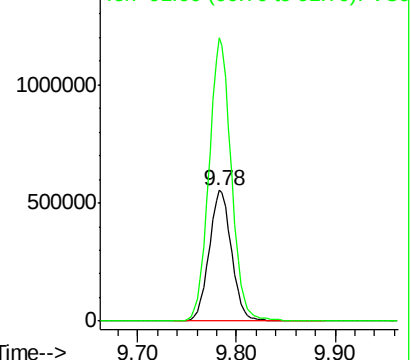
106 100

91 216.6 152.6 283.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#55

Styrene

Concen: 13.35 ug/L

RT: 9.79 min Scan# 2862

Delta R.T. -0.00 min

Lab File: VU023751.D

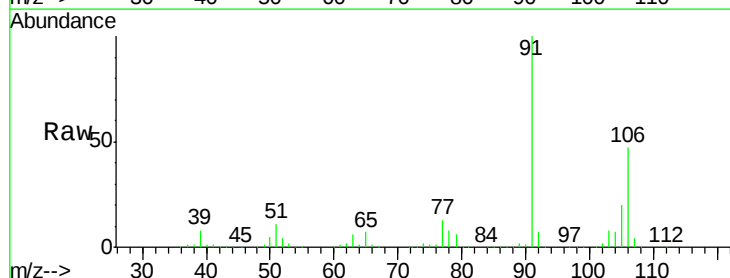
Acq: 08 May 2018 21:48

Tgt Ion:104 Resp: 117754

Ion Ratio Lower Upper

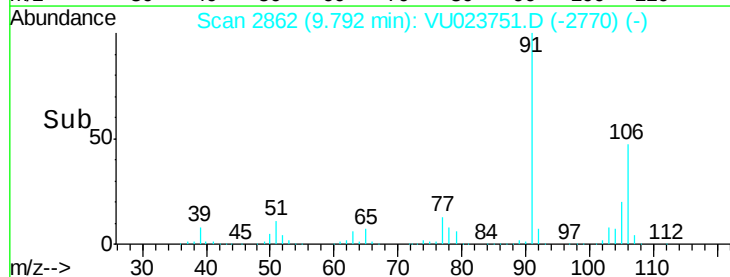
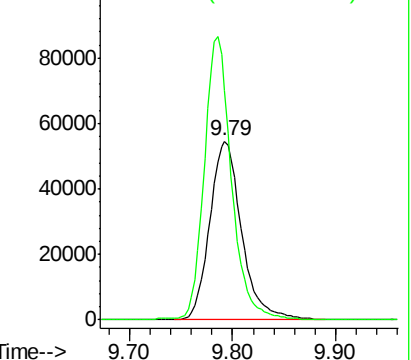
104 100

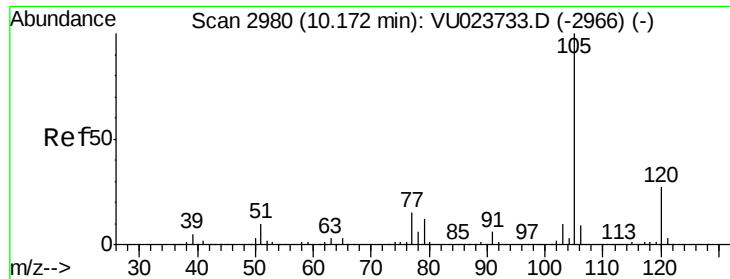
78 128.6 32.1 59.5#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0





#56

Isopropylbenzene

Concen: 26.28 ug/L

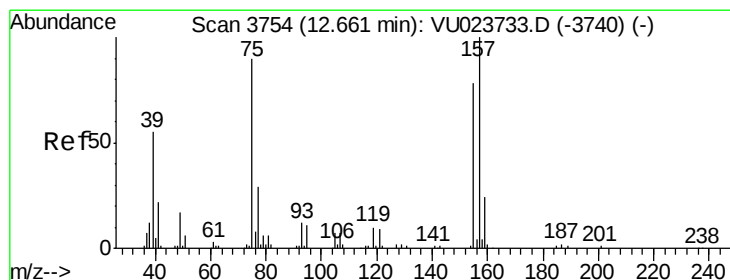
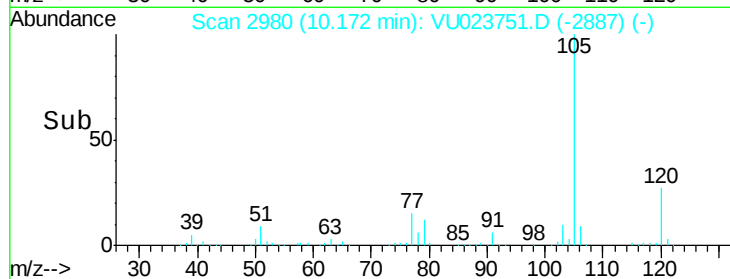
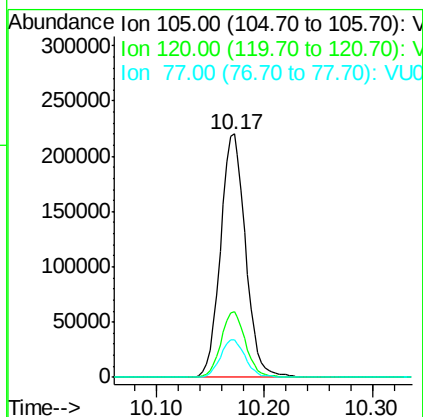
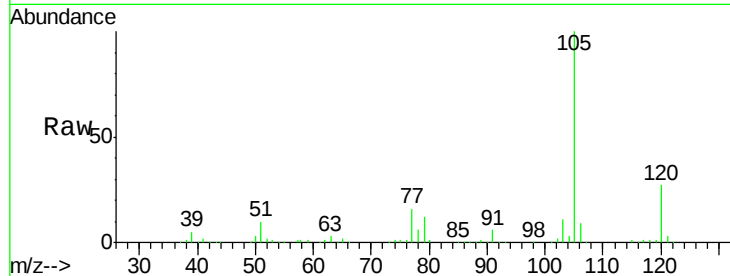
RT: 10.17 min Scan# 2980

Delta R.T. -0.00 min

Lab File: VU023751.D

Acq: 08 May 2018 21:48

Tgt Ion:	105	Resp:	355131
Ion	Ratio	Lower	Upper
105	100		
120	26.5	21.3	31.9
77	15.6	12.3	18.5



#66

1,2-Dibromo-3-chloropropane

Concen: 140.87 ug/L

RT: 12.70 min Scan# 3767

Delta R.T. 0.04 min

Lab File: VU023751.D

Acq: 08 May 2018 21:48

Tgt Ion:	75	Resp:	157587
Ion	Ratio	Lower	Upper
75	100		
155	0.0	71.7	107.5#
157	0.0	90.6	136.0#

