

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050818\
 Data File : VU023745.D
 Acq On : 08 May 2018 19:10
 Operator : MD/SY
 Sample : J2725-10DL 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: May 09 03:40:41 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	347809	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	337373	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	182777	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	117270	43.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.22%
7) Chloroethane-d5	1.68	69	92104	45.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.66%
11) 1,1-Dichloroethene-d2	2.27	63	168816	33.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.98%
21) 2-Butanone-d5	4.18	46	207753	103.77	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.77%
24) Chloroform-d	4.65	84	207086	45.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.56%
26) 1,2-Dichloroethane-d4	5.31	65	139782	47.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.52%
32) Benzene-d6	5.35	84	441299	45.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.32%
36) 1,2-Dichloropropane-d6	6.34	67	149498	47.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.58%
41) Toluene-d8	7.57	98	404024	45.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.10%
43) trans-1,3-Dichloropropene-	7.85	79	60246	44.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.10%
47) 2-Hexanone-d5	8.31	63	144217	102.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.11%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	201190	46.98	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.96%
64) 1,2-Dichlorobenzene-d4	11.86	152	172184	45.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.96%

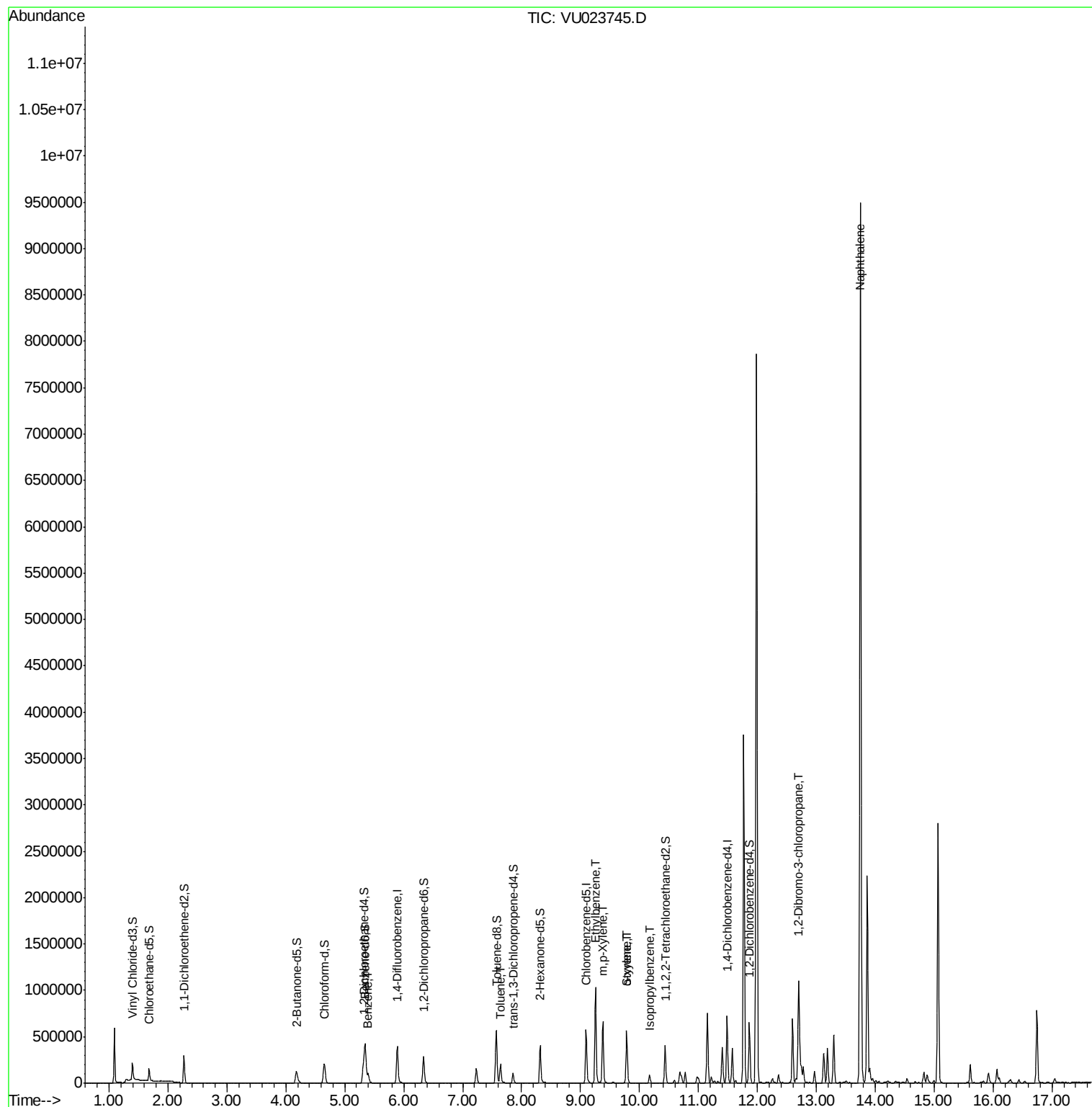
Target Compounds

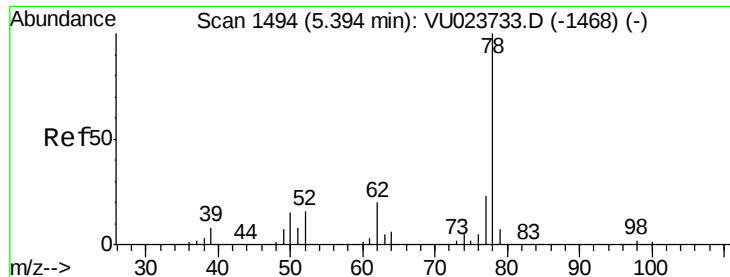
						Qvalue
33) Benzene	5.39	78	101459	8.92	ug/L	100
42) Toluene	7.64	91	155943	13.13	ug/L	99
52) Ethylbenzene	9.25	91	749057	57.27	ug/L	99
53) m,p-Xylene	9.38	106	191292	38.49	ug/L	98
54) o-xylene	9.78	106	150489	31.03	ug/L	98
55) Styrene	9.79	104	14679	1.77	ug/L #	1
56) Isopropylbenzene	10.17	105	57293	4.51	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.70	75	27362	26.15	ug/L #	1
69) Naphthalene	13.75	128	7204007	554.91	ug/L	100

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

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#33

Benzene

Concen: 8.92 ug/L

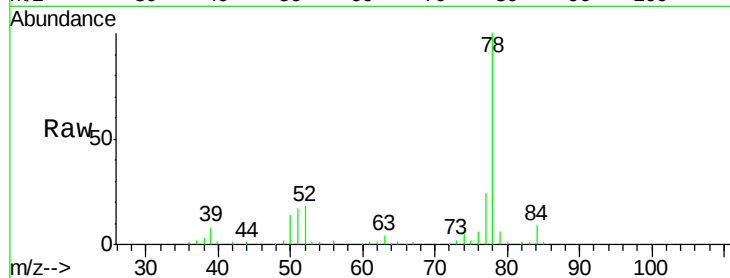
RT: 5.39 min Scan# 1494

Delta R.T. -0.00 min

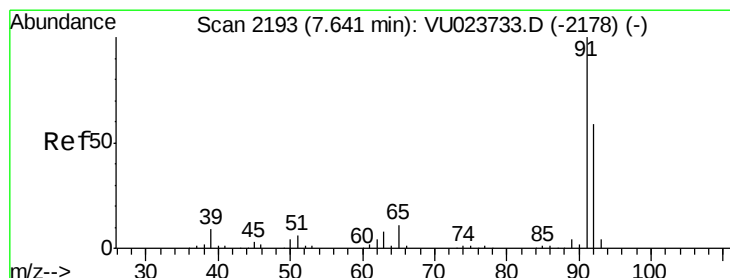
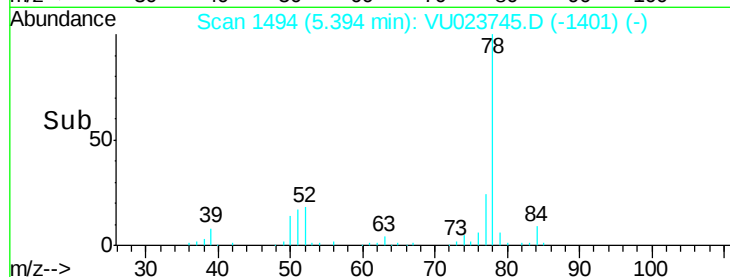
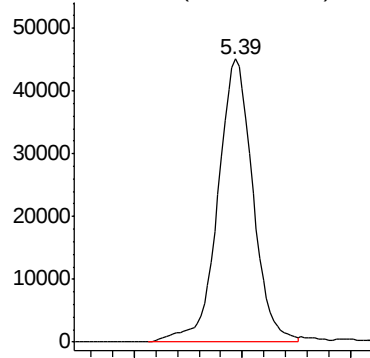
Lab File: VU023745.D

Acq: 08 May 2018 19:10

Tgt Ion: 78 Resp: 101459



Abundance Ion 78.00 (77.70 to 78.70): VU0



#42

Toluene

Concen: 13.13 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU023745.D

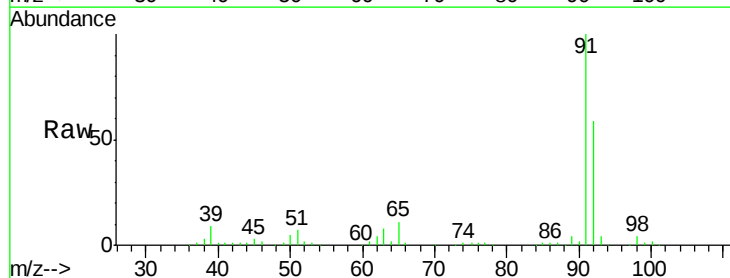
Acq: 08 May 2018 19:10

Tgt Ion: 91 Resp: 155943

Ion Ratio Lower Upper

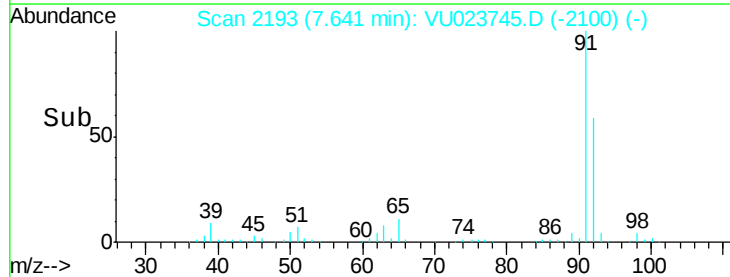
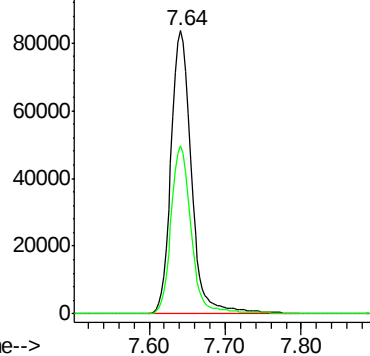
91 100

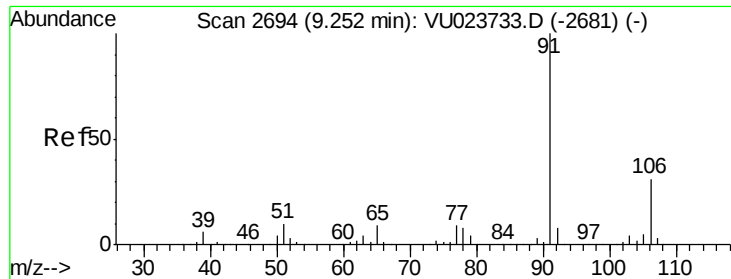
92 59.3 40.9 76.0



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0





#52

Ethylbenzene

Concen: 57.27 ug/L

RT: 9.25 min Scan# 2694

Delta R.T. -0.00 min

Lab File: VU023745.D

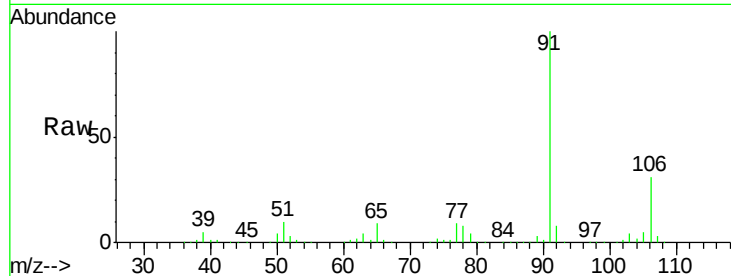
Acq: 08 May 2018 19:10

Tgt Ion: 91 Resp: 749057

Ion Ratio Lower Upper

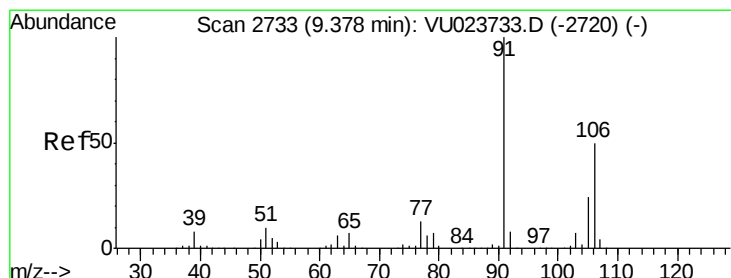
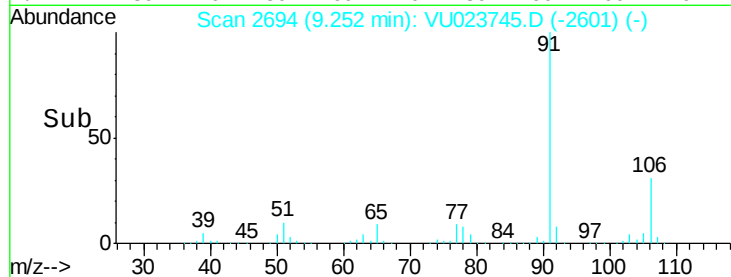
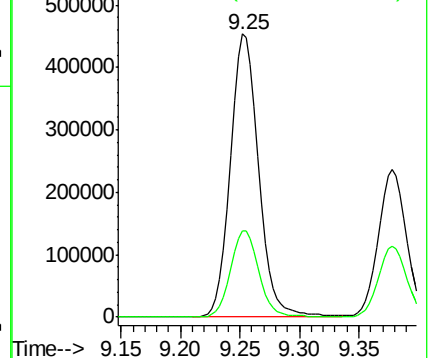
91 100

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: 38.49 ug/L

RT: 9.38 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VU023745.D

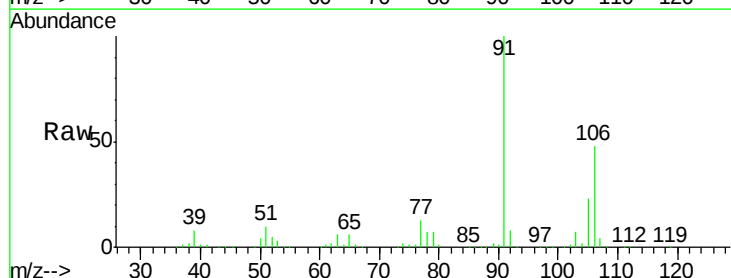
Acq: 08 May 2018 19:10

Tgt Ion: 106 Resp: 191292

Ion Ratio Lower Upper

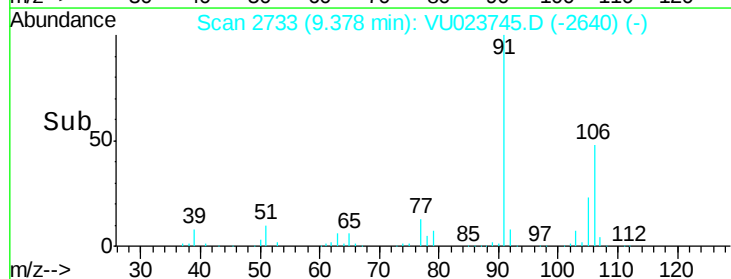
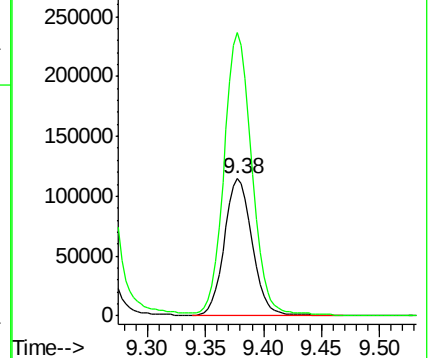
106 100

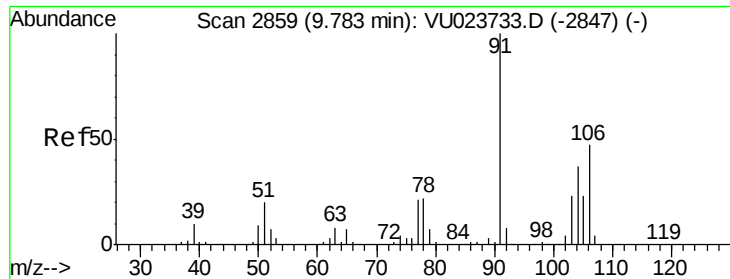
91 206.6 142.2 264.2



Abundance Ion 106.00 (105.70 to 106.70): V

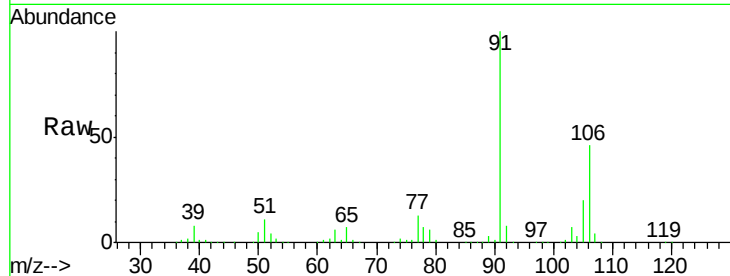
Ion 91.00 (90.70 to 91.70): VU0



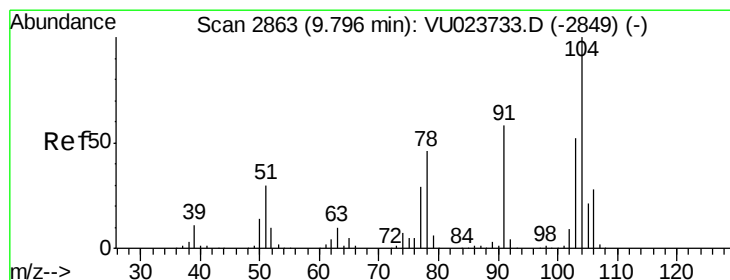
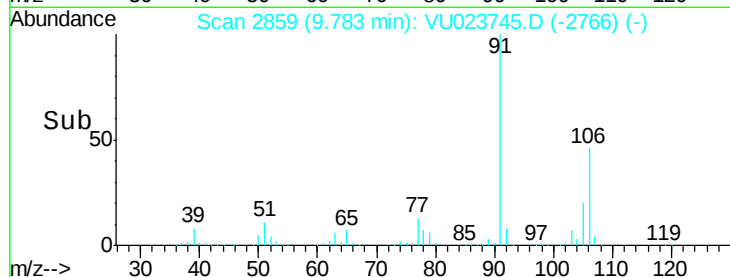
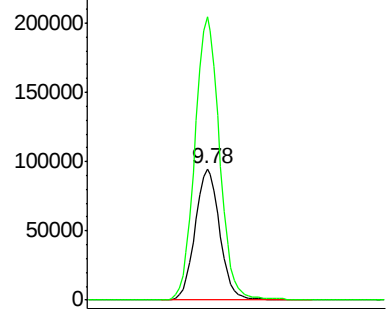


#54
o-xylene
Concen: 31.03 ug/L
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU023745.D
Acq: 08 May 2018 19:10

Tgt Ion:106 Resp: 150489
Ion Ratio Lower Upper
106 100
91 215.5 152.6 283.4

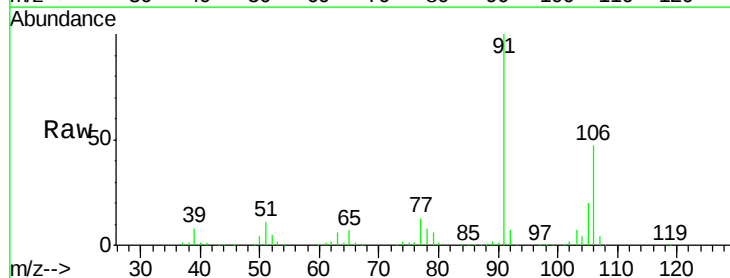


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

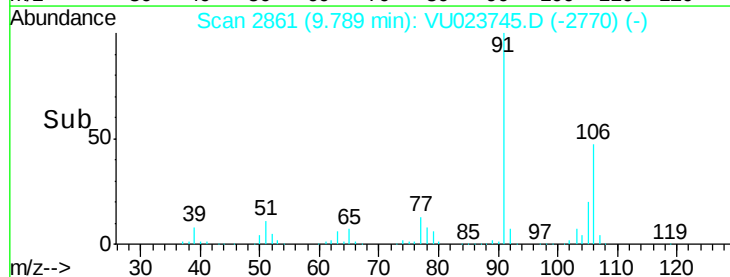
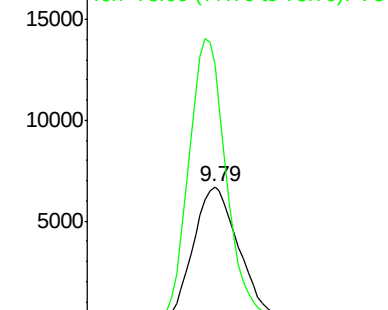


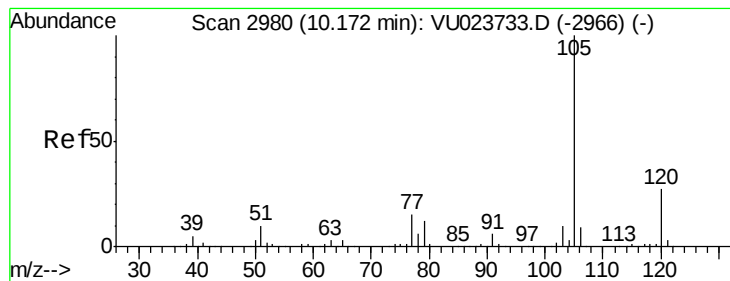
#55
Styrene
Concen: 1.77 ug/L
RT: 9.79 min Scan# 2861
Delta R.T. -0.01 min
Lab File: VU023745.D
Acq: 08 May 2018 19:10

Tgt Ion:104 Resp: 14679
Ion Ratio Lower Upper
104 100
78 190.1 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: 4.51 ug/L

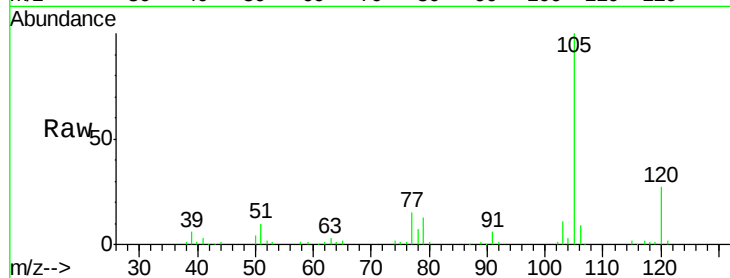
RT: 10.17 min Scan# 2980

Delta R.T. -0.00 min

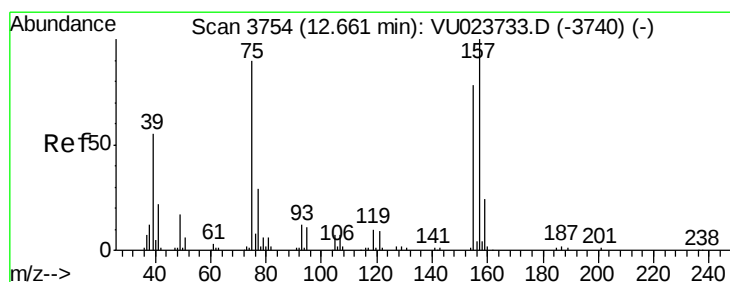
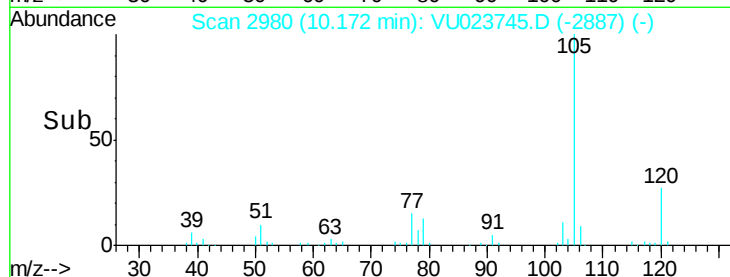
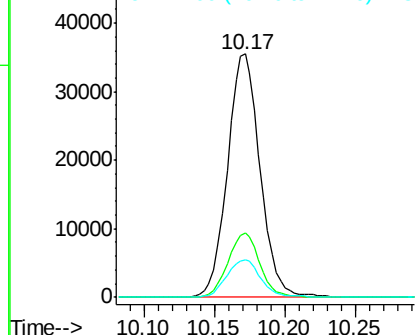
Lab File: VU023745.D

Acq: 08 May 2018 19:10

Tgt Ion:	105	Resp:	57293
Ion	Ratio	Lower	Upper
105	100		
120	25.8	21.3	31.9
77	15.9	12.3	18.5



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): V



#66

1,2-Dibromo-3-chloropropane

Concen: 26.15 ug/L

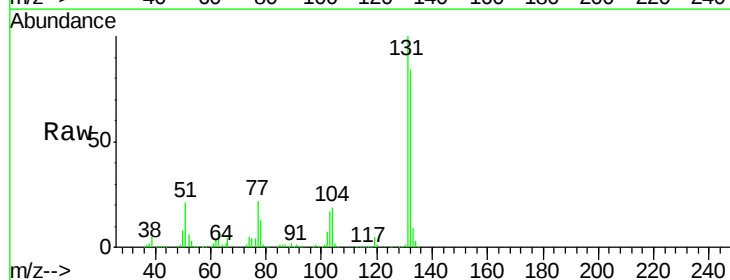
RT: 12.70 min Scan# 3766

Delta R.T. 0.04 min

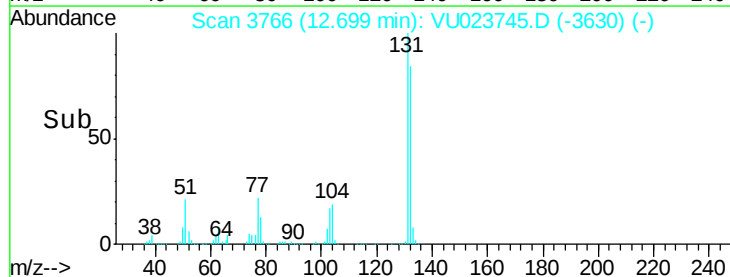
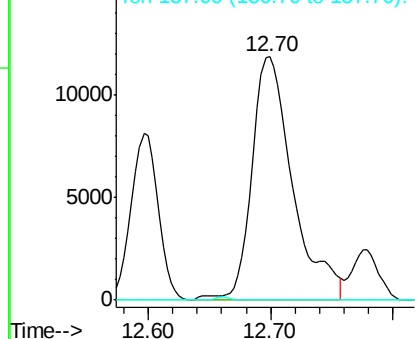
Lab File: VU023745.D

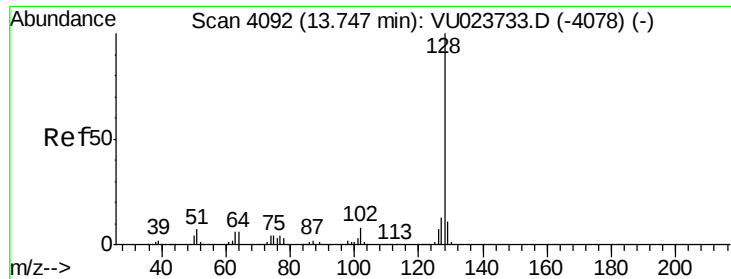
Acq: 08 May 2018 19:10

Tgt Ion:	75	Resp:	27362
Ion	Ratio	Lower	Upper
75	100		
155	0.0	71.7	107.5#
157	0.0	90.6	136.0#



Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 155.00 (154.70 to 155.70): V
Ion 157.00 (156.70 to 157.70): V





#69

Naphthalene

Concen: 554.91 ug/L

RT: 13.75 min Scan# 4092

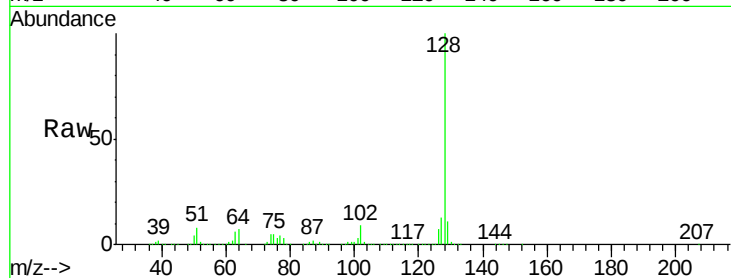
Delta R.T. -0.00 min

Lab File: VU023745.D

Acq: 08 May 2018 19:10

Tgt Ion:128 Resp: 7204007

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	11.0	8.7	13.1



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

