

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050818\
 Data File : VU023746.D
 Acq On : 08 May 2018 19:36
 Operator : MD/SY
 Sample : J2725-13 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 09 03:40:54 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	351642	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	332700	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	178831	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	148981	54.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	108.34%
7) Chloroethane-d5	1.68	69	117164	57.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	114.08%
11) 1,1-Dichloroethene-d2	2.27	63	221898	43.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.08%
21) 2-Butanone-d5	4.18	46	265369	131.10	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	131.10%#
24) Chloroform-d	4.65	84	266437	58.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.50%
26) 1,2-Dichloroethane-d4	5.31	65	177718	60.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	120.12%
32) Benzene-d6	5.35	84	578118	60.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	121.30%
36) 1,2-Dichloropropane-d6	6.34	67	195643	62.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	125.52%#
41) Toluene-d8	7.57	98	534384	60.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	120.84%#
43) trans-1,3-Dichloropropene-	7.85	79	80036	59.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	118.68%
47) 2-Hexanone-d5	8.31	63	195234	140.18	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	140.18%#
57) 1,1,2,2-Tetrachloroethane-	10.44	84	259775	61.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	123.02%#
64) 1,2-Dichlorobenzene-d4	11.86	152	225901	60.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	121.98%#

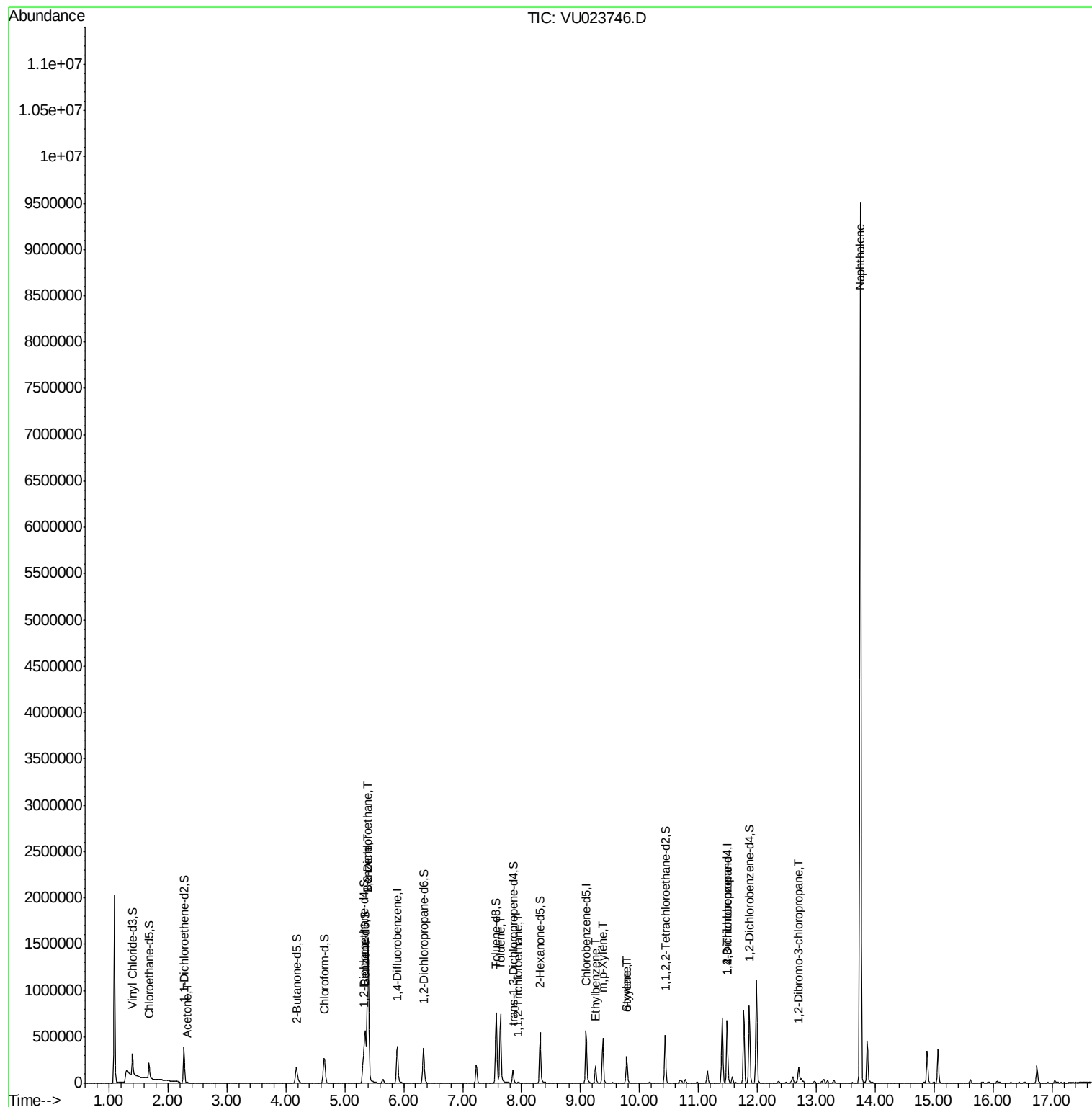
Target Compounds

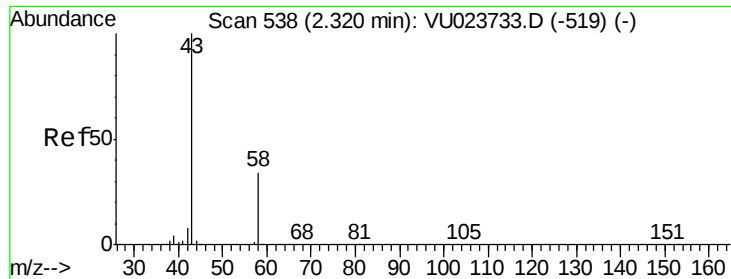
						Qvalue
13) Acetone	2.32	43	4977	2.23	ug/L	95
27) 1,2-Dichloroethane	5.40	62	13378	3.35	ug/L #	73
33) Benzene	5.39	78	1587189	141.58	ug/L	100
42) Toluene	7.64	91	567446	48.44	ug/L	99
45) 1,1,2-Trichloroethane	7.94	97	9258	3.33	ug/L #	17
52) Ethylbenzene	9.26	91	137718	10.68	ug/L	98
53) m,p-Xylene	9.38	106	142908	29.16	ug/L	99
54) o-xylene	9.78	106	77885	16.29	ug/L	95
55) Styrene	9.79	104	10163	1.24	ug/L #	1
59) 1,2,3-Trichloropropane	11.49	75	21177	5.52	ug/L	90
66) 1,2-Dibromo-3-chloropropan	12.70	75	3854	3.77	ug/L #	1
69) Naphthalene	13.75	128	7155851	563.36	ug/L	100

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

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#13

Acetone

Concen: 2.23 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU023746.D

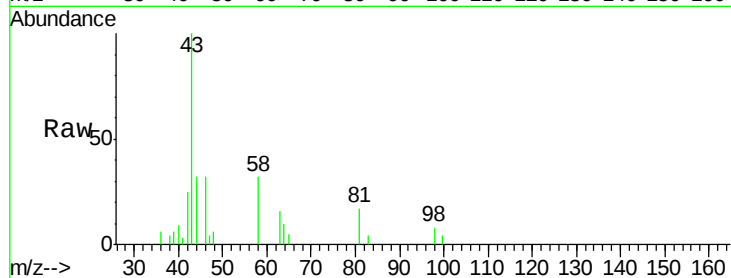
Acq: 08 May 2018 19:36

Tgt Ion: 43 Resp: 4977

Ion Ratio Lower Upper

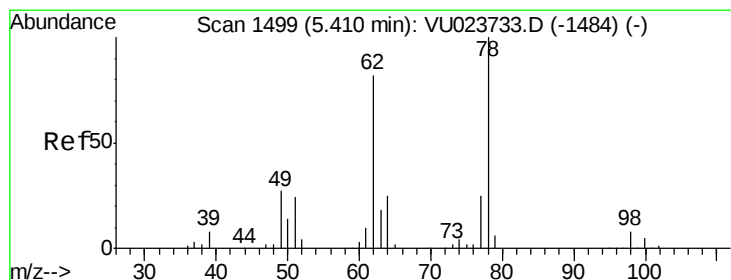
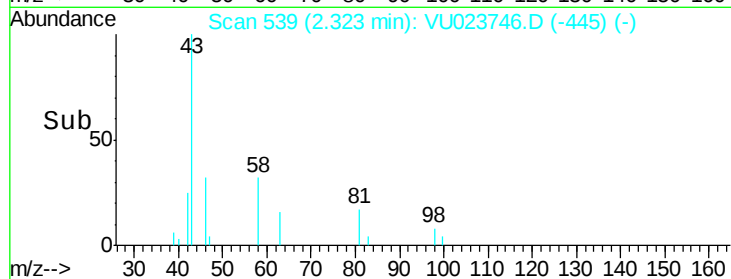
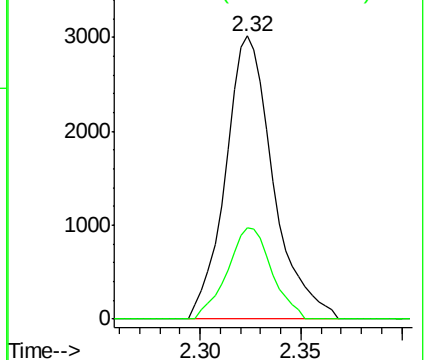
43 100

58 30.1 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#27

1,2-Dichloroethane

Concen: 3.35 ug/L

RT: 5.40 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VU023746.D

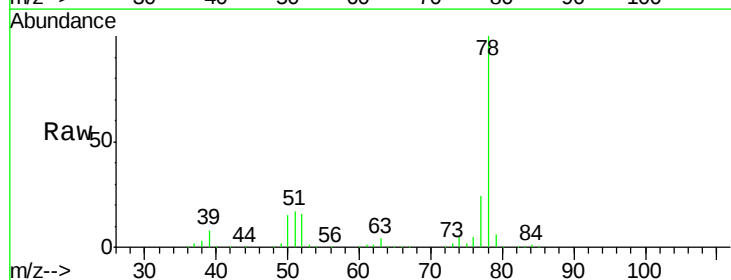
Acq: 08 May 2018 19:36

Tgt Ion: 62 Resp: 13378

Ion Ratio Lower Upper

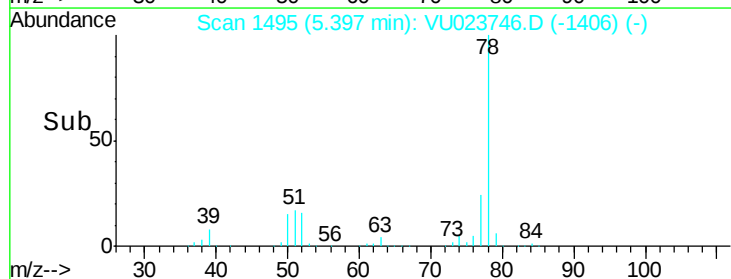
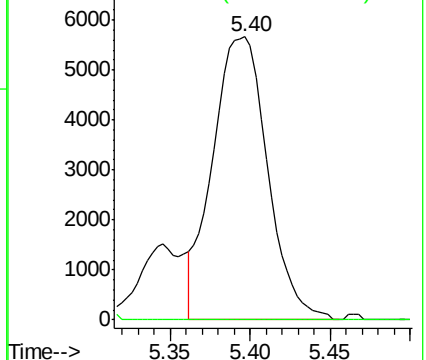
62 100

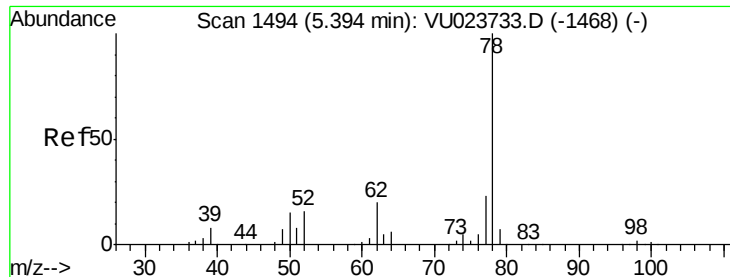
98 0.0 7.8 11.8#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#33

Benzene

Concen: 141.58 ug/L

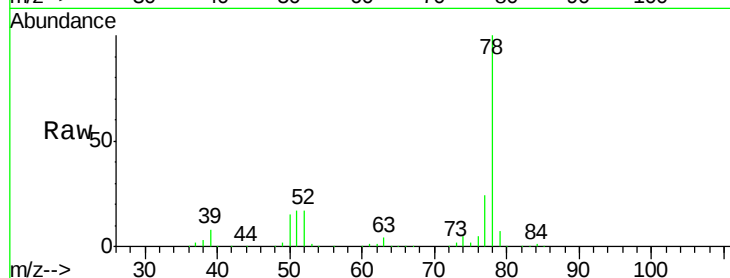
RT: 5.39 min Scan# 1494

Delta R.T. -0.00 min

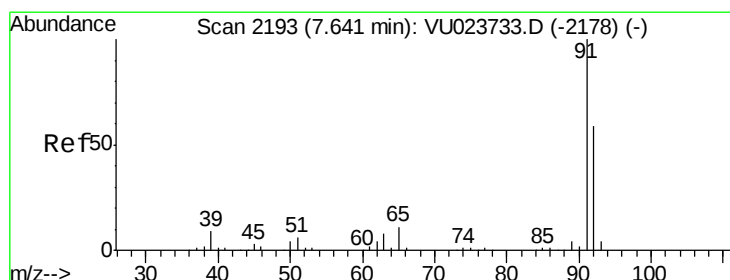
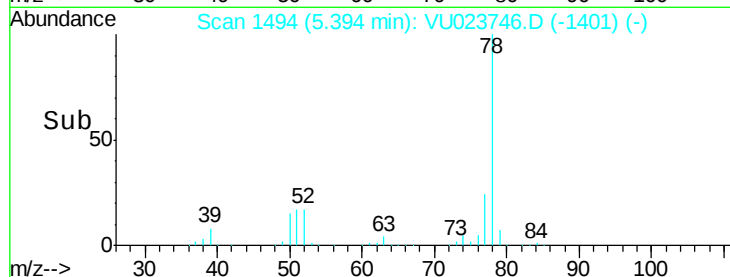
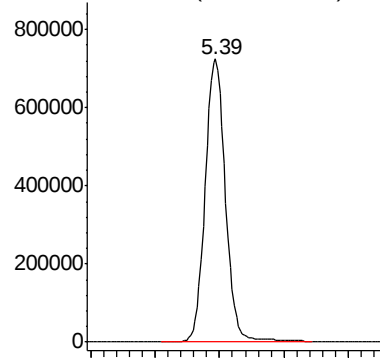
Lab File: VU023746.D

Acq: 08 May 2018 19:36

Tgt Ion: 78 Resp: 1587189



Abundance Ion 78.00 (77.70 to 78.70): VU0



#42

Toluene

Concen: 48.44 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU023746.D

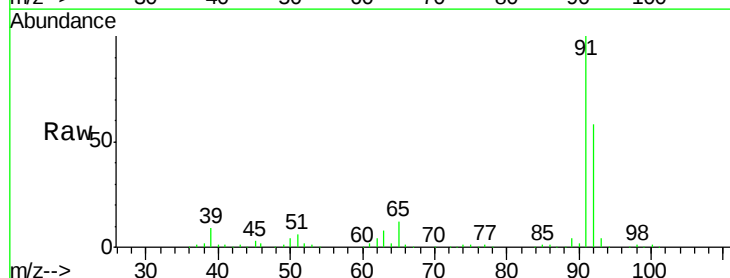
Acq: 08 May 2018 19:36

Tgt Ion: 91 Resp: 567446

Ion Ratio Lower Upper

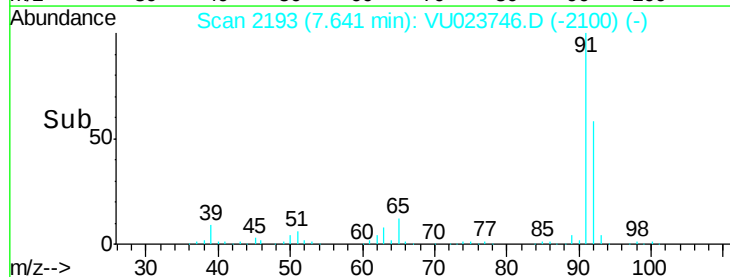
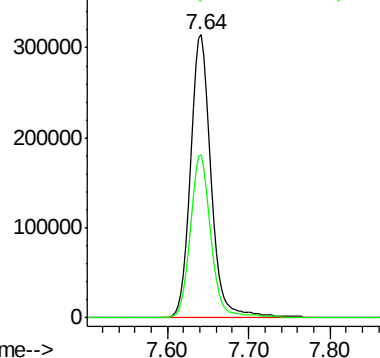
91 100

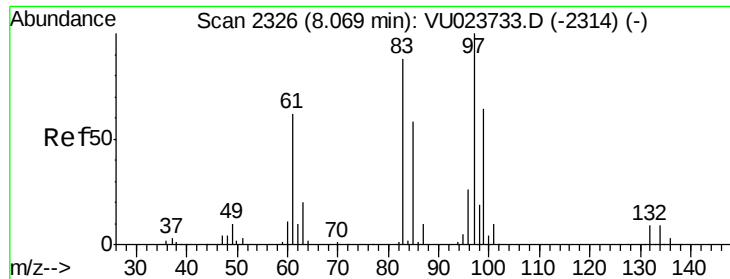
92 57.6 40.9 76.0



Abundance Ion 91.00 (90.70 to 91.70): VU0

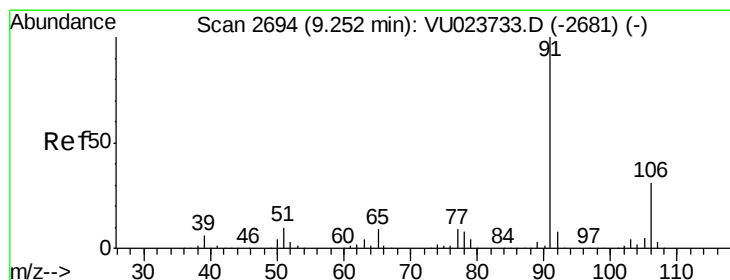
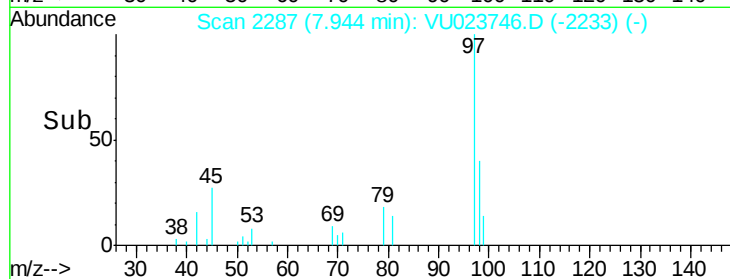
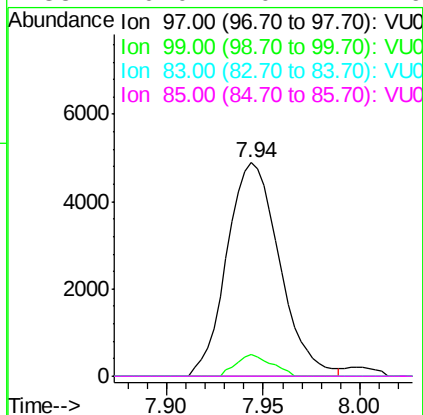
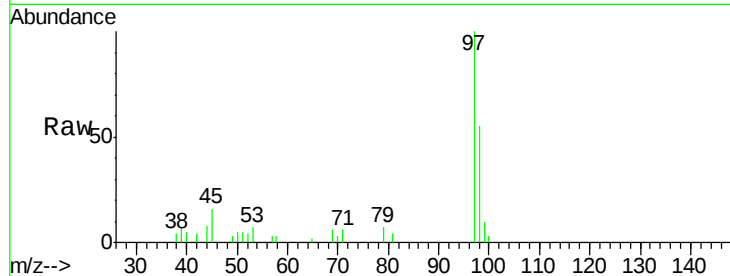
Ion 92.00 (91.70 to 92.70): VU0





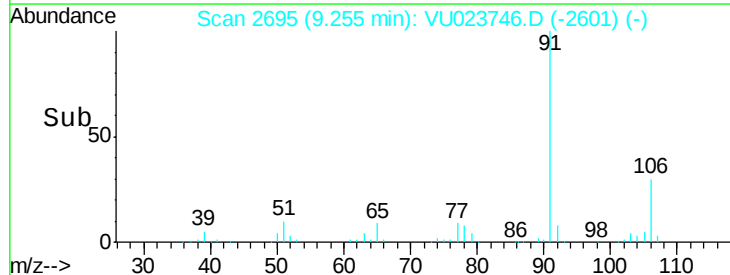
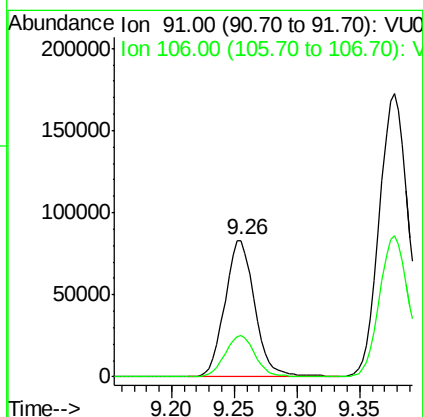
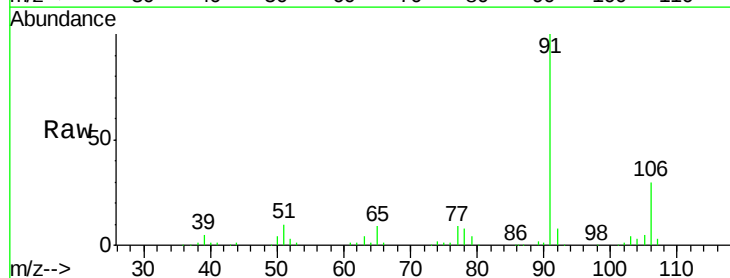
#45
 1,1,2-Trichloroethane
 Concen: 3.33 ug/L
 RT: 7.94 min Scan# 2287
 Delta R.T. -0.13 min
 Lab File: VU023746.D
 Acq: 08 May 2018 19:36

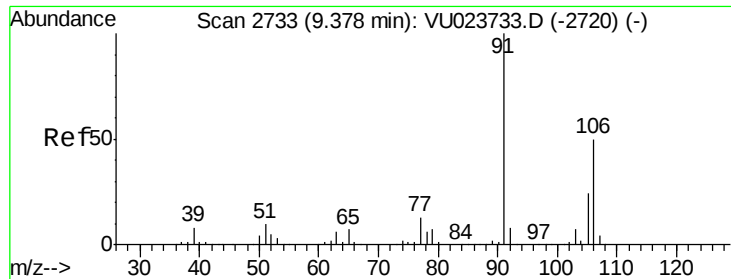
Tgt Ion: 97 Resp: 9258
 Ion Ratio Lower Upper
 97 100
 99 10.2 45.0 83.6#
 83 0.0 63.1 117.3#
 85 0.0 40.2 74.6#



#52
 Ethylbenzene
 Concen: 10.68 ug/L
 RT: 9.26 min Scan# 2695
 Delta R.T. 0.00 min
 Lab File: VU023746.D
 Acq: 08 May 2018 19:36

Tgt Ion: 91 Resp: 137718
 Ion Ratio Lower Upper
 91 100
 106 30.2 21.8 40.4





#53

m,p-Xylene

Concen: 29.16 ug/L

RT: 9.38 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VU023746.D

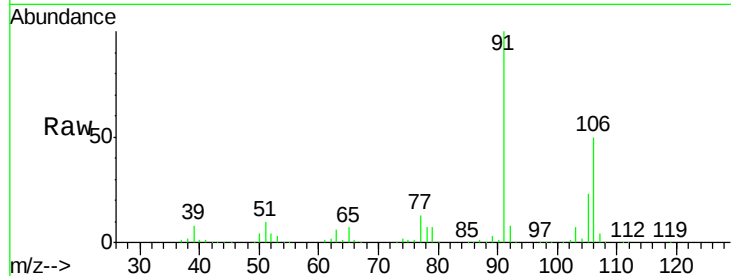
Acq: 08 May 2018 19:36

Tgt Ion:106 Resp: 142908

Ion Ratio Lower Upper

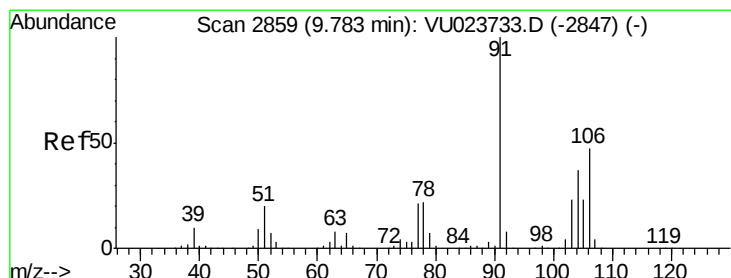
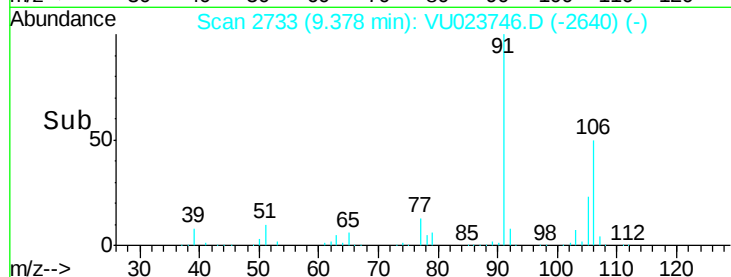
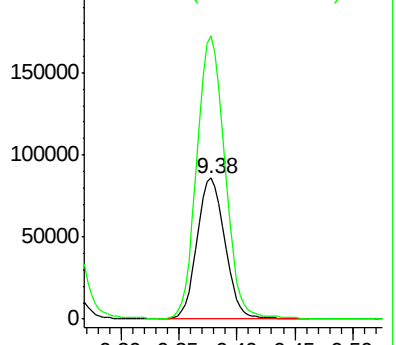
106 100

91 201.0 142.2 264.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#54

o-xylene

Concen: 16.29 ug/L

RT: 9.78 min Scan# 2859

Delta R.T. -0.00 min

Lab File: VU023746.D

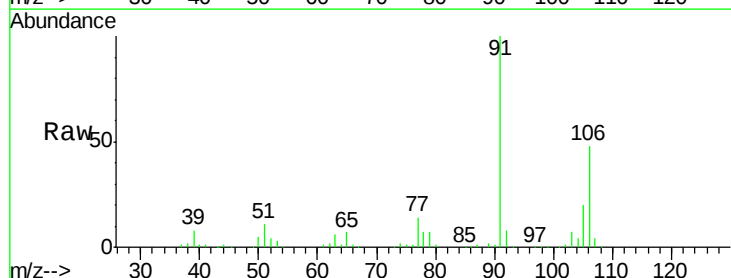
Acq: 08 May 2018 19:36

Tgt Ion:106 Resp: 77885

Ion Ratio Lower Upper

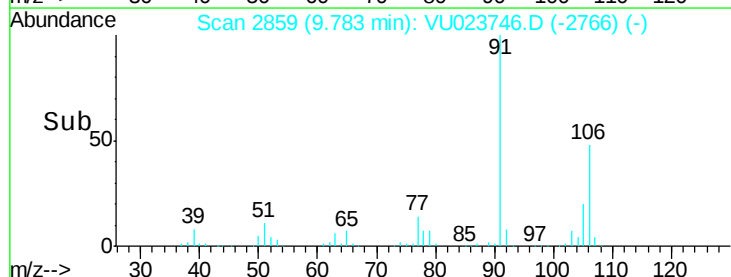
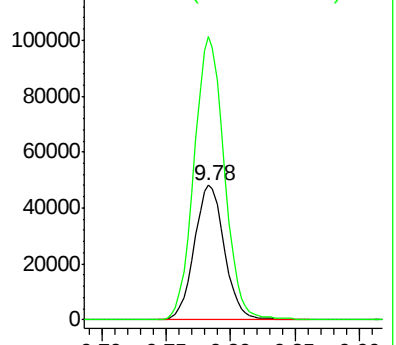
106 100

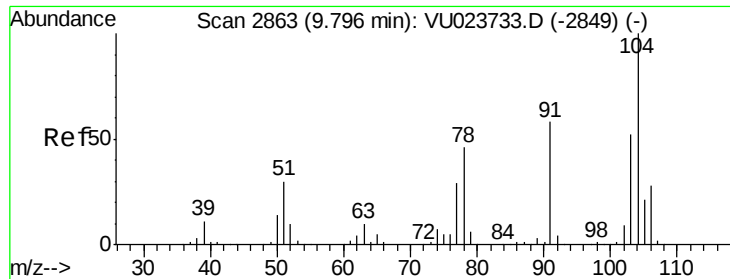
91 210.0 152.6 283.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0





#55

Styrene

Concen: 1.24 ug/L

RT: 9.79 min Scan# 2862

Delta R.T. -0.00 min

Lab File: VU023746.D

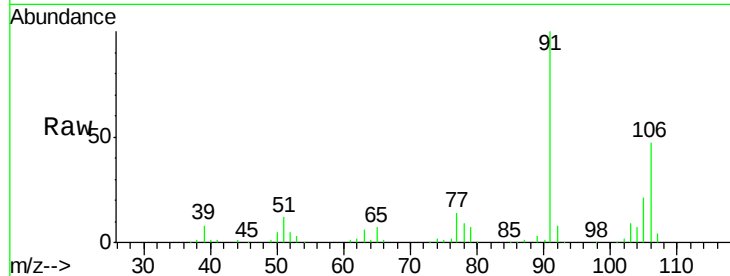
Acq: 08 May 2018 19:36

Tgt Ion: 104 Resp: 10163

Ion Ratio Lower Upper

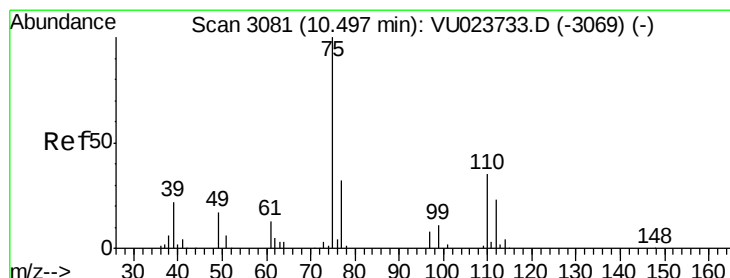
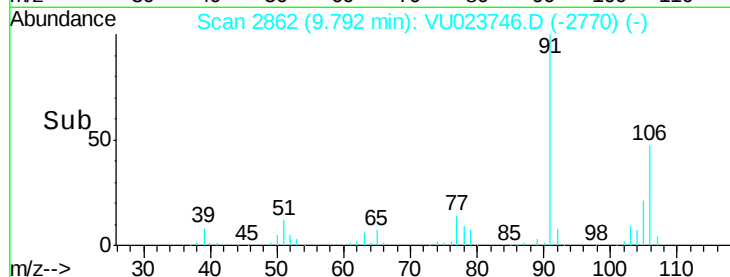
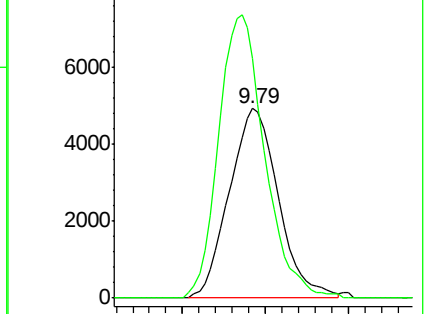
104 100

78 126.1 32.1 59.5#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0



#59

1,2,3-Trichloropropane

Concen: 5.52 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU023746.D

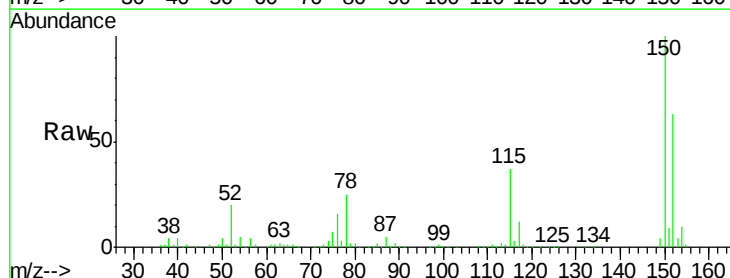
Acq: 08 May 2018 19:36

Tgt Ion: 75 Resp: 21177

Ion Ratio Lower Upper

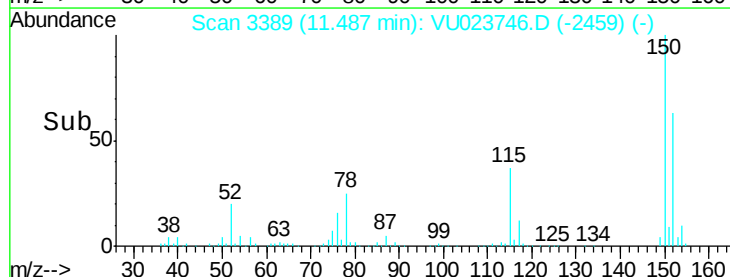
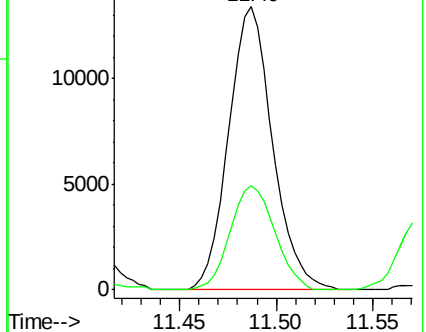
75 100

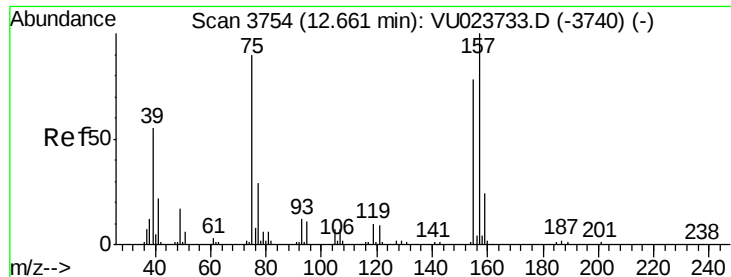
77 37.3 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

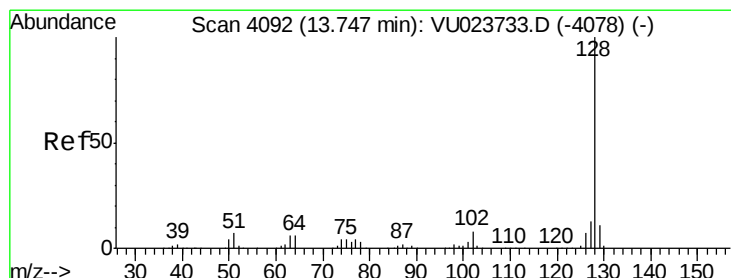
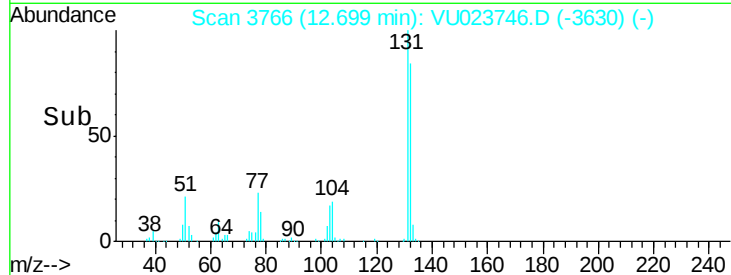
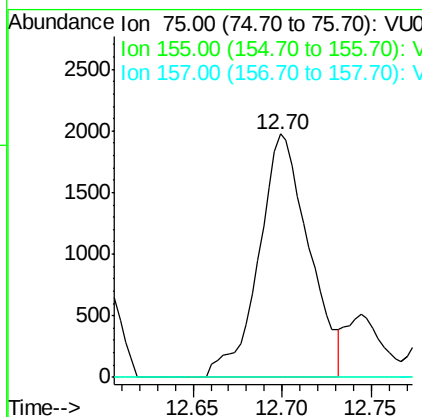
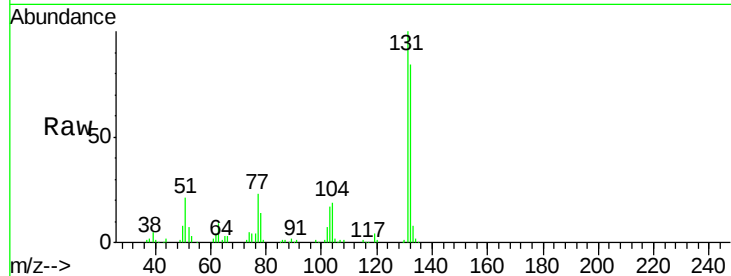
Ion 77.00 (76.70 to 77.70): VU0





#66
 1,2-Dibromo-3-chloropropane
 Concen: 3.77 ug/L
 RT: 12.70 min Scan# 3766
 Delta R.T. 0.04 min
 Lab File: VU023746.D
 Acq: 08 May 2018 19:36

Tgt Ion: 75 Resp: 3854
 Ion Ratio Lower Upper
 75 100
 155 0.0 71.7 107.5#
 157 0.0 90.6 136.0#



#69
 Naphthalene
 Concen: 563.36 ug/L
 RT: 13.75 min Scan# 4092
 Delta R.T. -0.00 min
 Lab File: VU023746.D
 Acq: 08 May 2018 19:36

Tgt Ion: 128 Resp: 7155851
 Ion Ratio Lower Upper
 128 100
 127 13.1 10.3 15.5
 129 11.0 8.7 13.1

