

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050718\
 Data File : VU023723.D
 Acq On : 07 May 2018 19:29
 Operator : MD/SY
 Sample : J2725-15
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: May 08 04:51:07 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	381386	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	360163	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	185854	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	94217	34.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.72%
7) Chloroethane-d5	1.68	69	80375	39.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.02%
11) 1,1-Dichloroethene-d2	2.27	63	147496	27.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.98%#
21) 2-Butanone-d5	4.18	46	210029	112.46	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.46%
24) Chloroform-d	4.65	84	197716	44.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.46%
26) 1,2-Dichloroethane-d4	5.31	65	133401	42.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.82%
32) Benzene-d6	5.35	84	409114	42.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.68%
36) 1,2-Dichloropropane-d6	6.34	67	143427	44.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.62%
41) Toluene-d8	7.57	98	373635	41.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.88%
43) trans-1,3-Dichloropropene-	7.85	79	56811	40.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.54%
47) 2-Hexanone-d5	8.31	63	155417	126.44	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	126.44%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	201190	48.06	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.12%
64) 1,2-Dichlorobenzene-d4	11.86	152	164767	45.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.88%

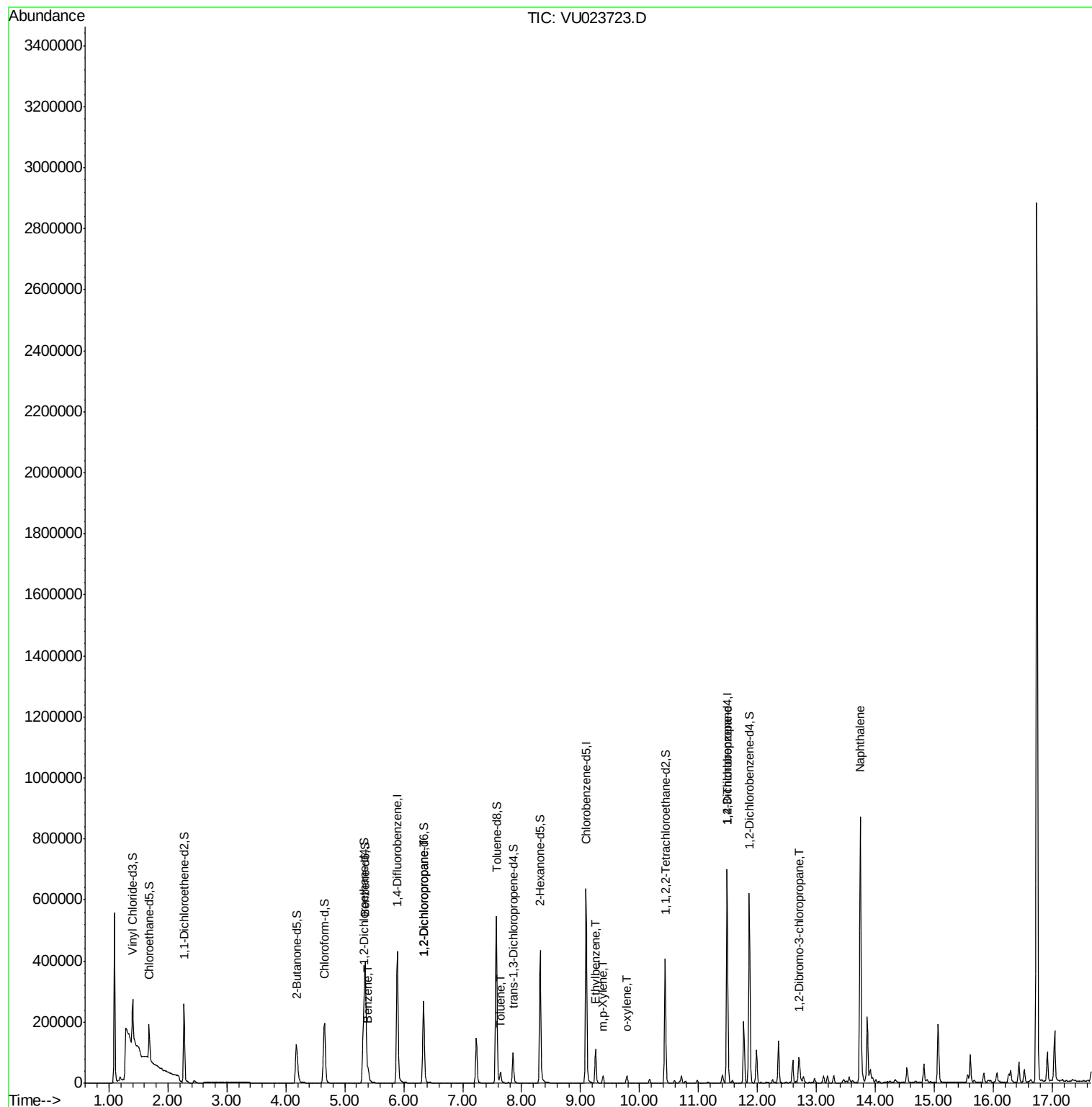
Target Compounds

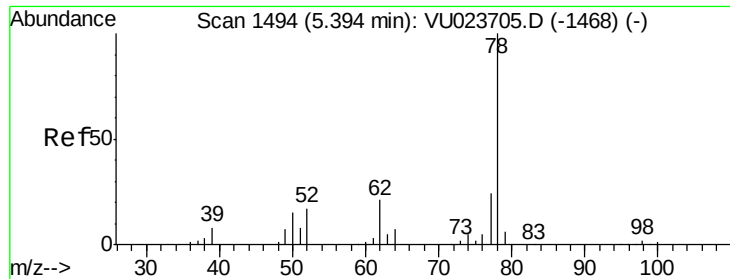
						Qvalue
33) Benzene	5.39	78	39803	3.14	ug/L	100
37) 1,2-Dichloropropane	6.34	63	14408	3.96	ug/L #	88
42) Toluene	7.64	91	25209	1.92	ug/L	100
52) Ethylbenzene	9.26	91	81545	5.72	ug/L	100
53) m,p-Xylene	9.38	106	6785	1.25	ug/L	96
54) o-xylene	9.78	106	6407	1.24	ug/L	98
59) 1,2,3-Trichloropropane	11.49	75	21441	5.34	ug/L	92
66) 1,2-Dibromo-3-chloropropan	12.70	75	2056	2.07	ug/L #	1
69) Naphthalene	13.75	128	662672	52.97	ug/L	100

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

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#33

Benzene

Concen: 3.14 ug/L

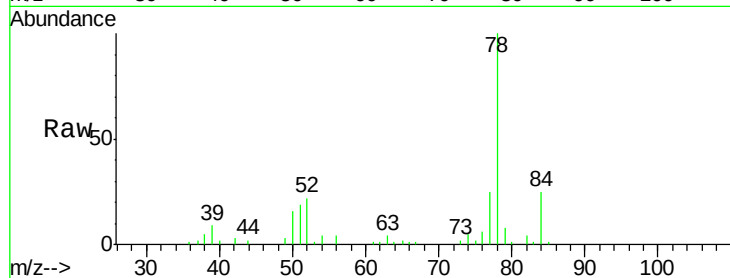
RT: 5.39 min Scan# 1494

Delta R.T. -0.00 min

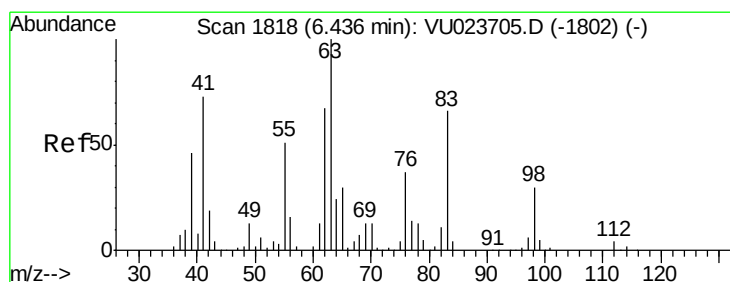
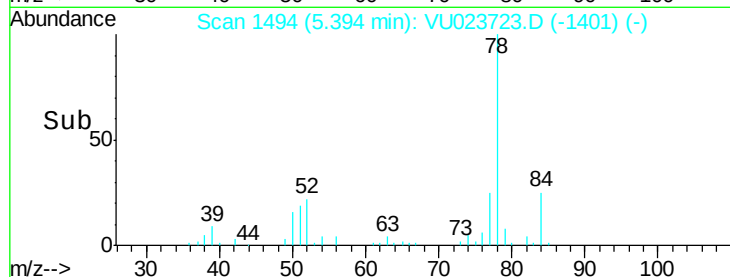
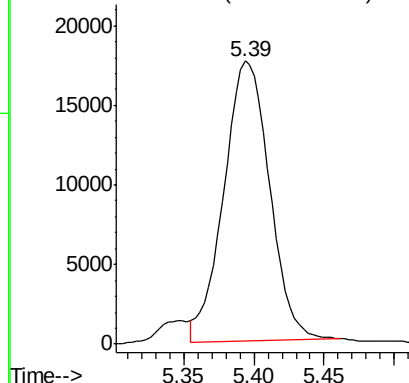
Lab File: VU023723.D

Acq: 07 May 2018 19:29

Tgt Ion: 78 Resp: 39803



Abundance Ion 78.00 (77.70 to 78.70): VU0



#37

1,2-Dichloropropane

Concen: 3.96 ug/L

RT: 6.34 min Scan# 1787

Delta R.T. -0.10 min

Lab File: VU023723.D

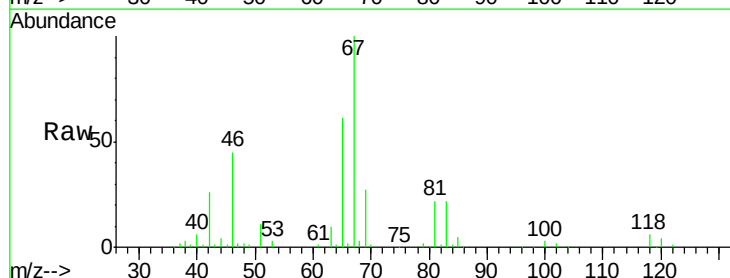
Acq: 07 May 2018 19:29

Tgt Ion: 63 Resp: 14408

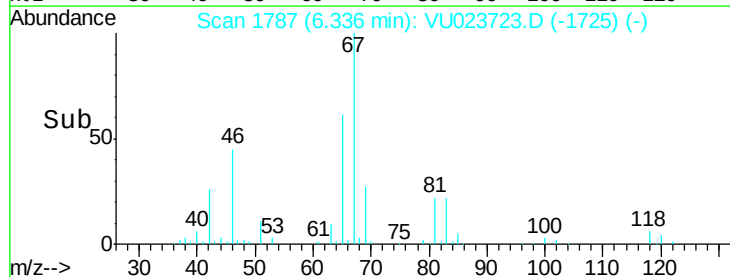
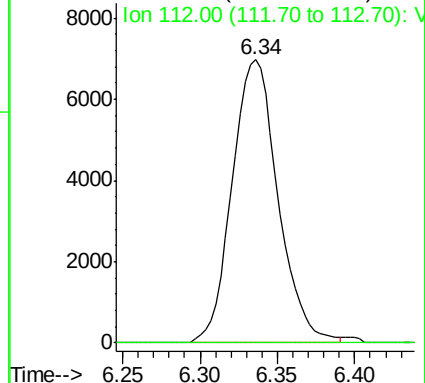
Ion Ratio Lower Upper

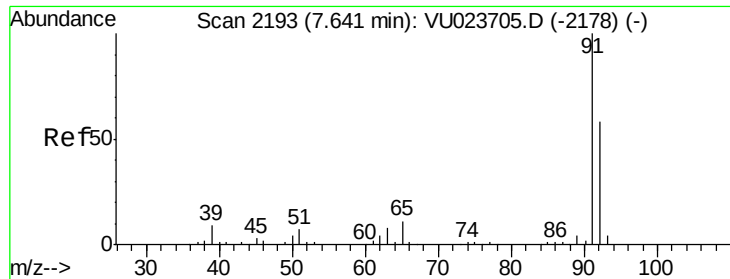
63 100

112 0.0 3.1 4.7#



Abundance Ion 63.00 (62.70 to 63.70): VU0





#42

Toluene

Concen: 1.92 ug/L

RT: 7.64 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VU023723.D

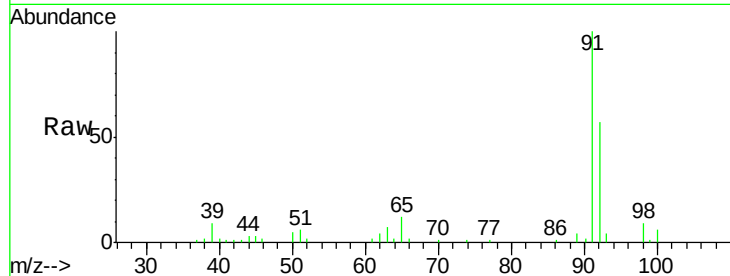
Acq: 07 May 2018 19:29

Tgt Ion: 91 Resp: 25209

Ion Ratio Lower Upper

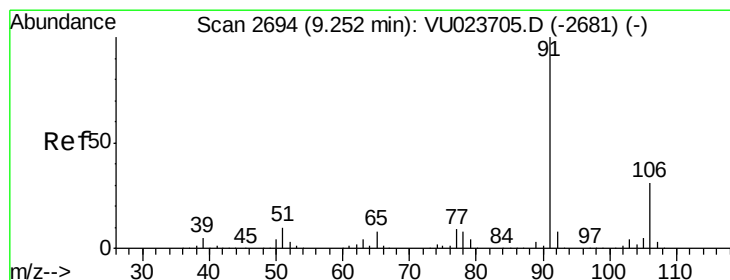
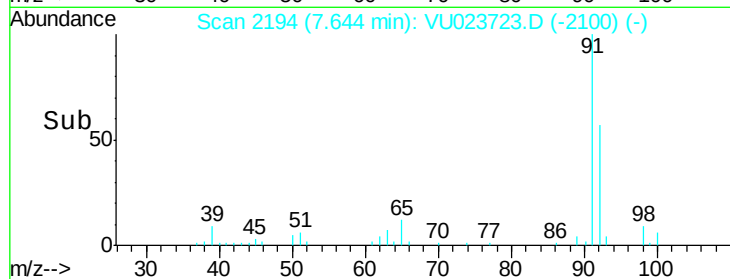
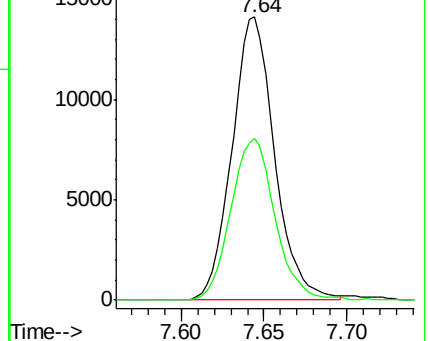
91 100

92 57.3 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: 5.72 ug/L

RT: 9.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VU023723.D

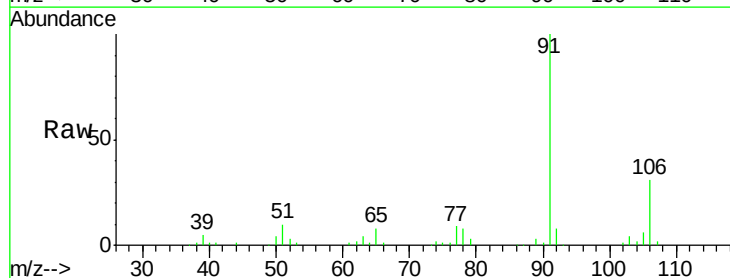
Acq: 07 May 2018 19:29

Tgt Ion: 91 Resp: 81545

Ion Ratio Lower Upper

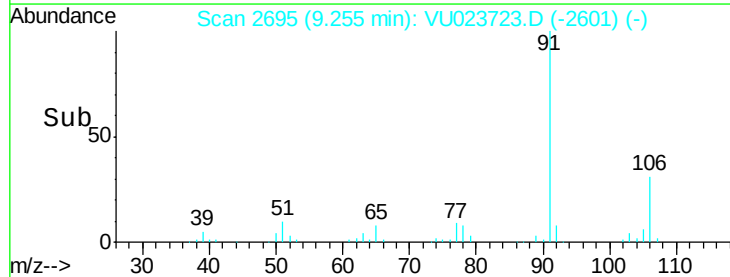
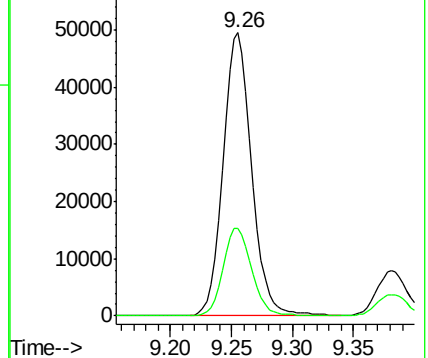
91 100

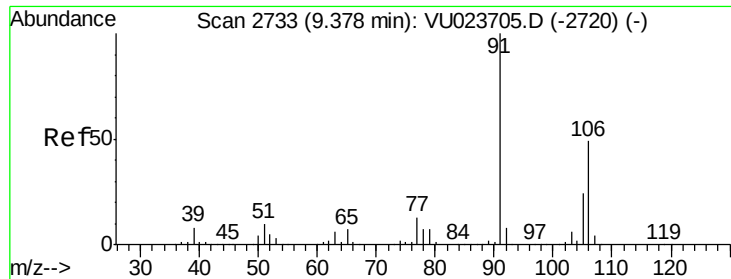
106 31.0 21.6 40.0



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V





#53

m,p-Xylene

Concen: 1.25 ug/L

RT: 9.38 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VU023723.D

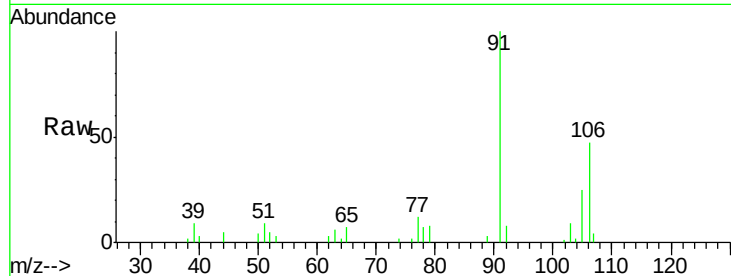
Acq: 07 May 2018 19:29

Tgt Ion:106 Resp: 6785

Ion Ratio Lower Upper

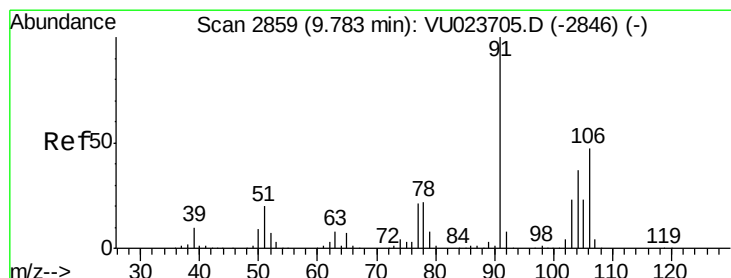
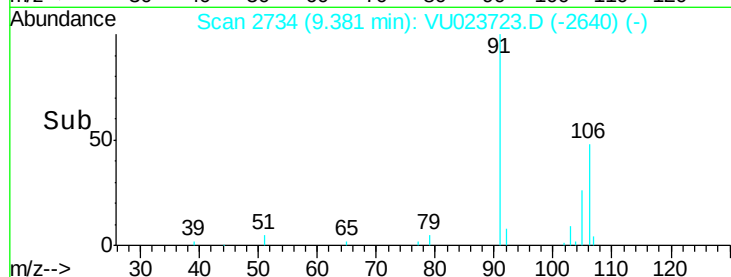
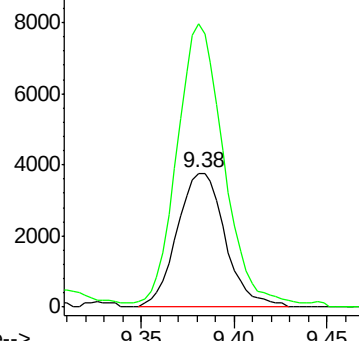
106 100

91 211.8 144.1 267.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#54

o-xylene

Concen: 1.24 ug/L

RT: 9.78 min Scan# 2859

Delta R.T. -0.00 min

Lab File: VU023723.D

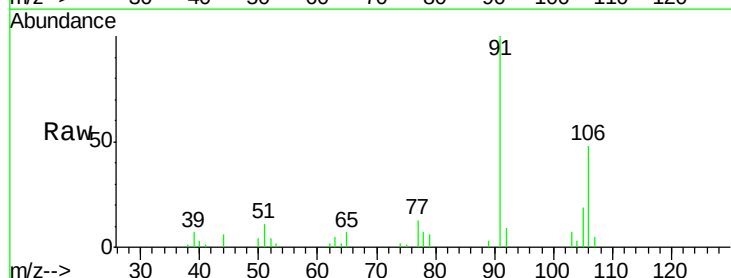
Acq: 07 May 2018 19:29

Tgt Ion:106 Resp: 6407

Ion Ratio Lower Upper

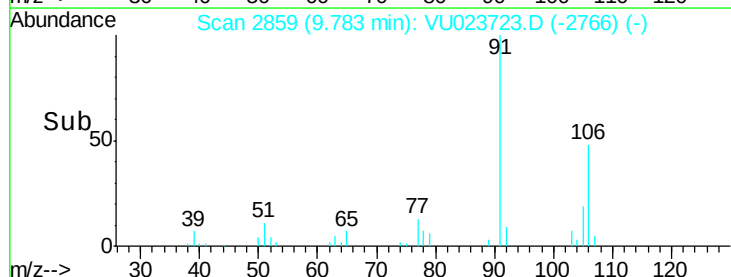
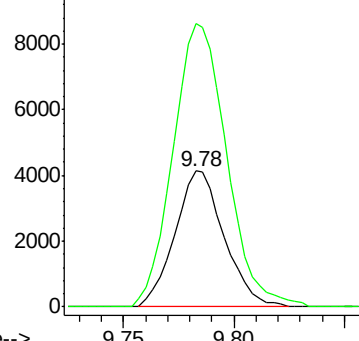
106 100

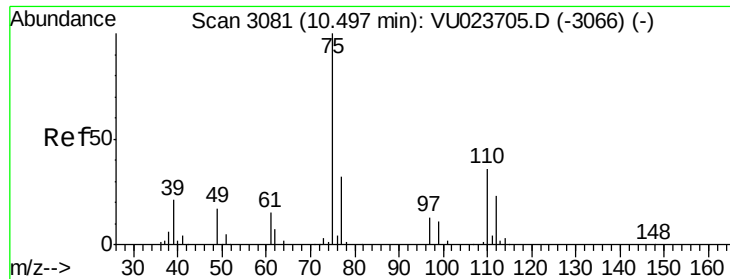
91 208.8 148.9 276.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0





#59

1,2,3-Trichloropropane

Concen: 5.34 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU023723.D

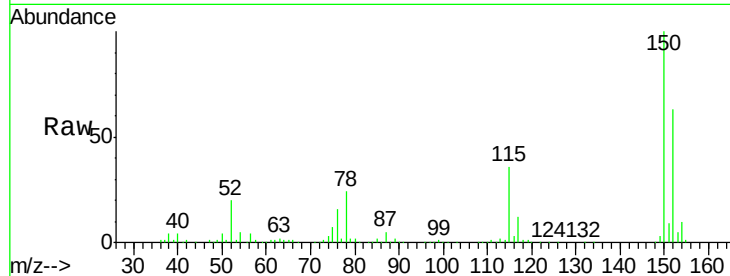
Acq: 07 May 2018 19:29

Tgt Ion: 75 Resp: 21441

Ion Ratio Lower Upper

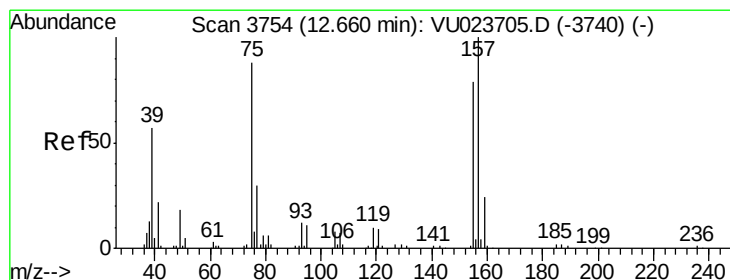
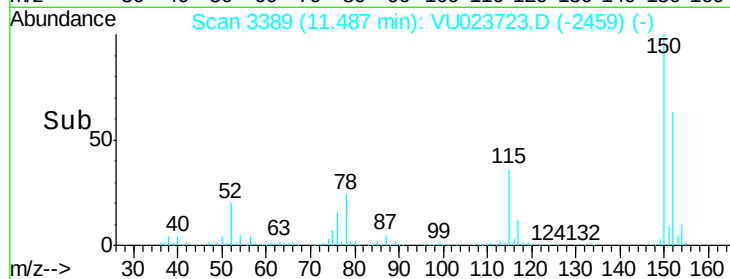
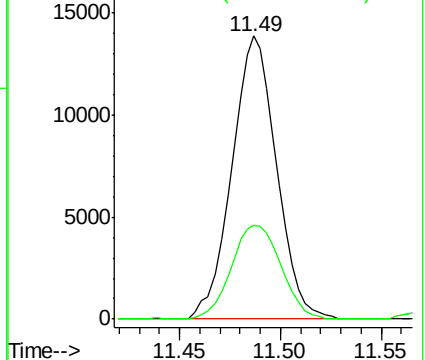
75 100

77 36.8 25.9 38.9



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: 2.07 ug/L

RT: 12.70 min Scan# 3767

Delta R.T. 0.04 min

Lab File: VU023723.D

Acq: 07 May 2018 19:29

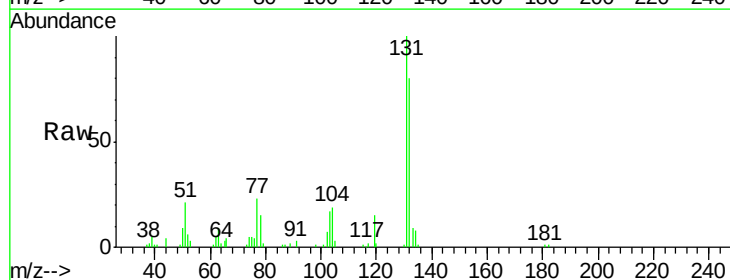
Tgt Ion: 75 Resp: 2056

Ion Ratio Lower Upper

75 100

155 0.0 68.9 103.3#

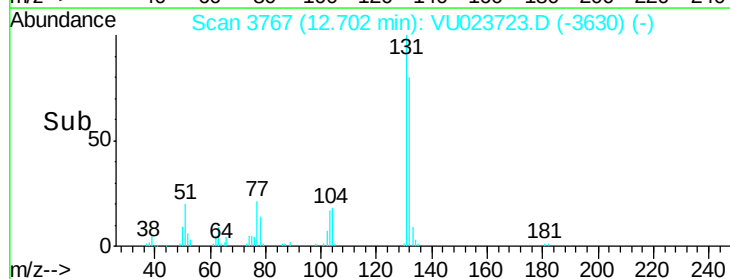
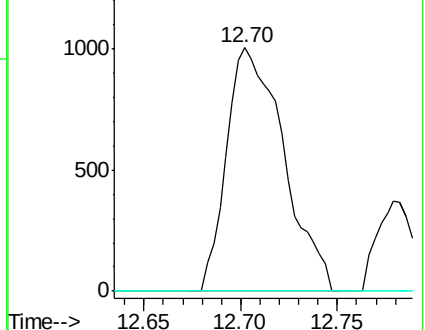
157 0.0 89.9 134.9#

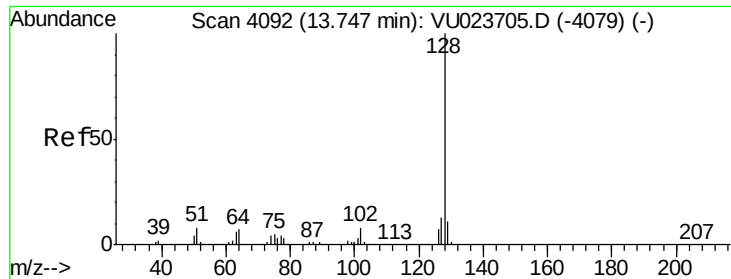


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V





#69

Naphthalene

Concen: 52.97 ug/L

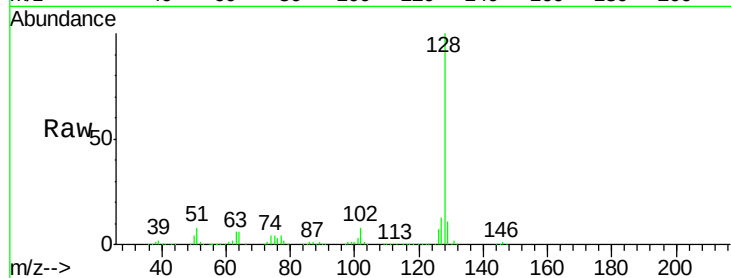
RT: 13.75 min Scan# 4092

Delta R.T. -0.00 min

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Acq: 07 May 2018 19:29

Tgt Ion:	128	Resp:	662672
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.9	8.6	13.0



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

