

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050818\
 Data File : VU023741.D
 Acq On : 08 May 2018 16:58
 Operator : MD/SY
 Sample : J2725-10 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: May 09 03:39:49 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	352933	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	340157	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	172735	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	122537	44.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.78%
7) Chloroethane-d5	1.68	69	95884	46.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.02%
11) 1,1-Dichloroethene-d2	2.27	63	180804	35.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.68%
21) 2-Butanone-d5	4.18	46	203828	100.33	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.33%
24) Chloroform-d	4.65	84	206188	44.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.84%
26) 1,2-Dichloroethane-d4	5.31	65	140661	47.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.72%
32) Benzene-d6	5.35	84	446177	45.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.56%
36) 1,2-Dichloropropane-d6	6.34	67	151838	47.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.28%
41) Toluene-d8	7.57	98	409149	45.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.50%
43) trans-1,3-Dichloropropene-	7.85	79	60832	44.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.22%
47) 2-Hexanone-d5	8.31	63	143954	101.09	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.09%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	199531	46.21	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.42%
64) 1,2-Dichlorobenzene-d4	11.86	152	174974	48.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.82%

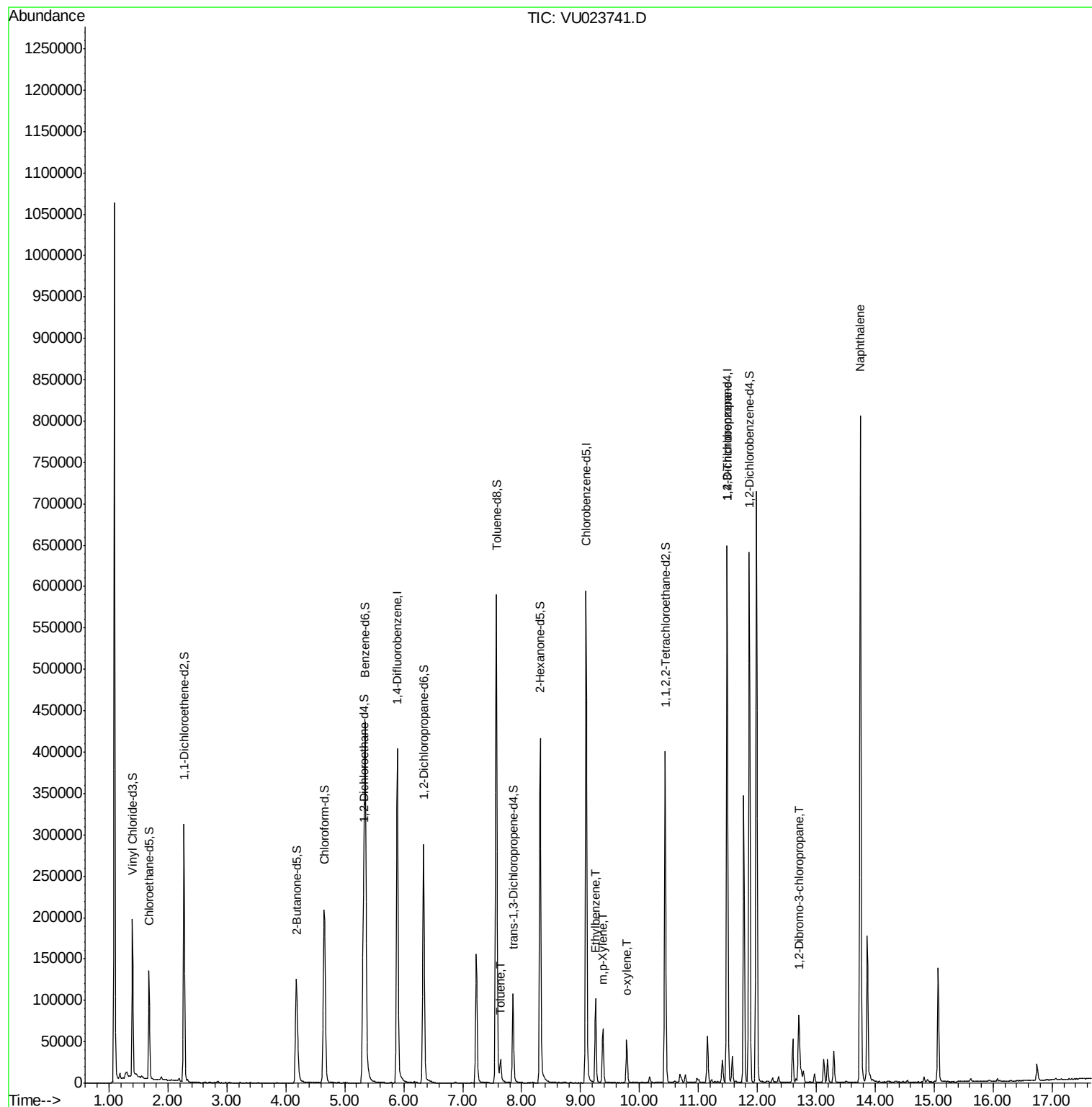
Target Compounds

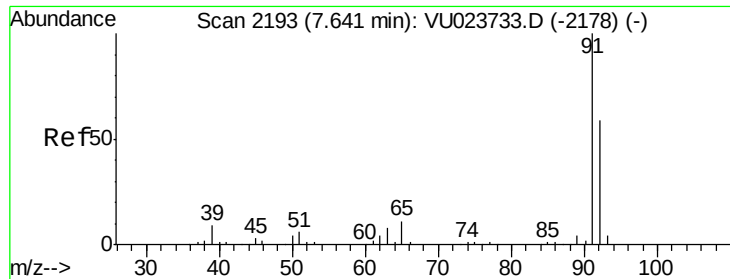
						Qvalue
42) Toluene	7.64	91	17636	1.47	ug/L	98
52) Ethylbenzene	9.26	91	72840	5.52	ug/L	97
53) m,p-Xylene	9.38	106	19584	3.91	ug/L	98
54) o-xylene	9.78	106	13713	2.80	ug/L	97
59) 1,2,3-Trichloropropane	11.49	75	20484	5.23	ug/L	92
66) 1,2-Dibromo-3-chloropropan	12.70	75	1972	1.99	ug/L #	1
69) Naphthalene	13.75	128	610323	49.74	ug/L	100

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

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#42

Toluene

Concen: 1.47 ug/L

RT: 7.64 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VU023741.D

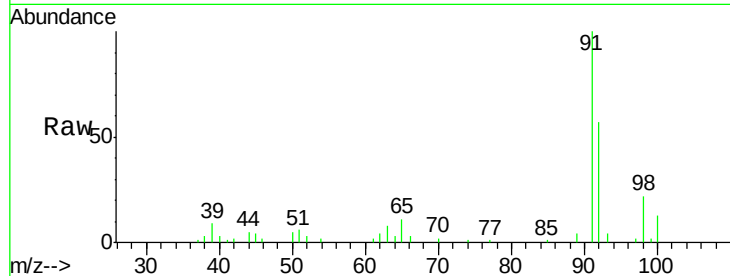
Acq: 08 May 2018 16:58

Tgt Ion: 91 Resp: 17636

Ion Ratio Lower Upper

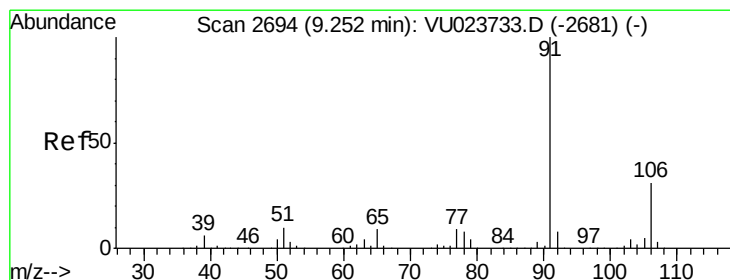
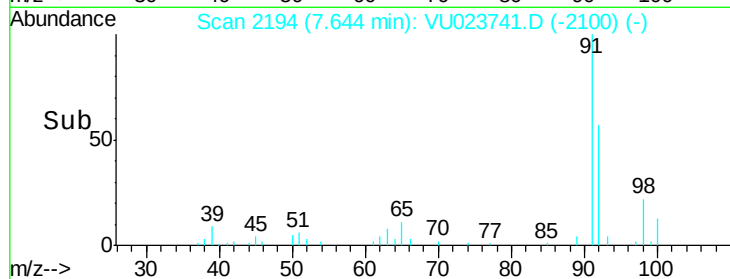
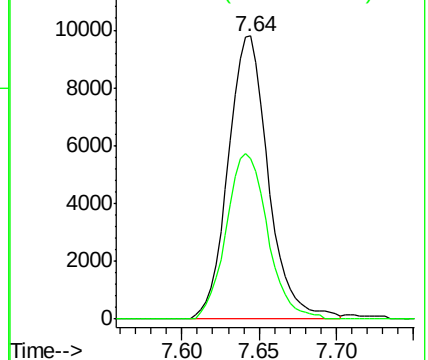
91 100

92 56.7 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: 5.52 ug/L

RT: 9.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VU023741.D

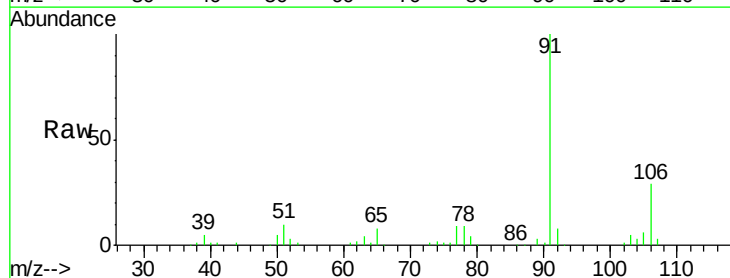
Acq: 08 May 2018 16:58

Tgt Ion: 91 Resp: 72840

Ion Ratio Lower Upper

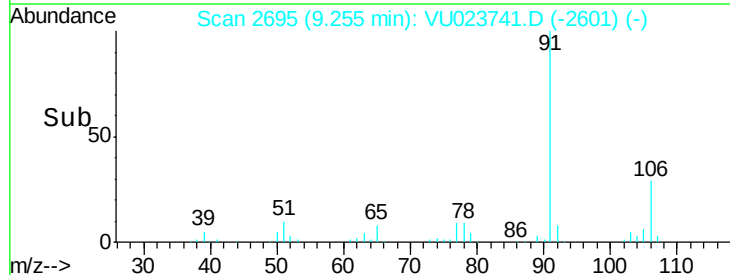
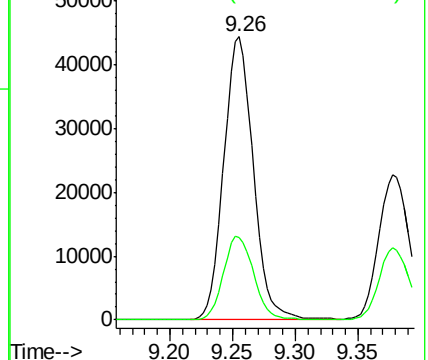
91 100

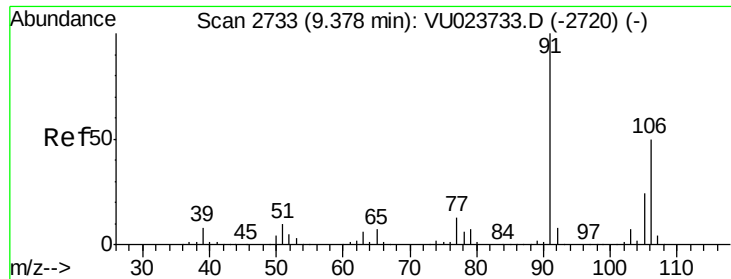
106 29.3 21.8 40.4



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V





#53

m,p-Xylene

Concen: 3.91 ug/L

RT: 9.38 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VU023741.D

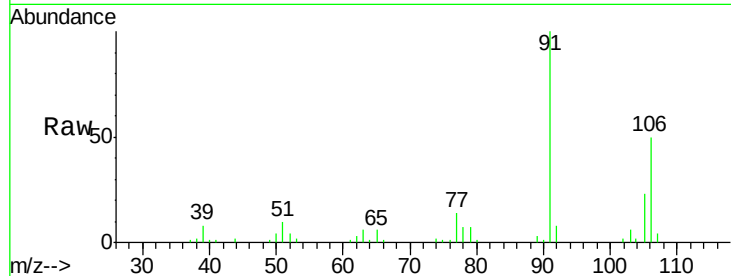
Acq: 08 May 2018 16:58

Tgt Ion:106 Resp: 19584

Ion Ratio Lower Upper

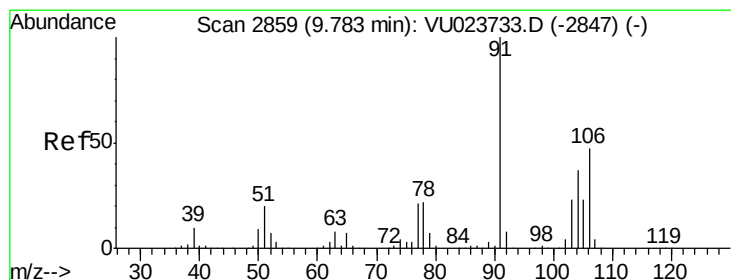
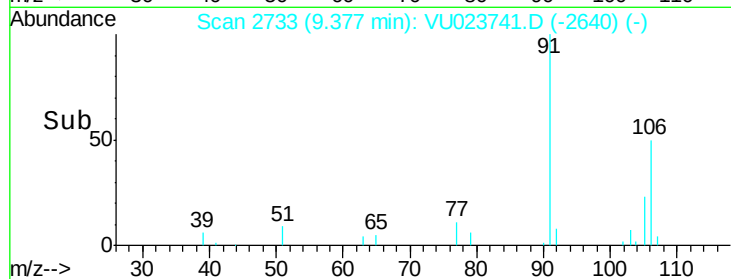
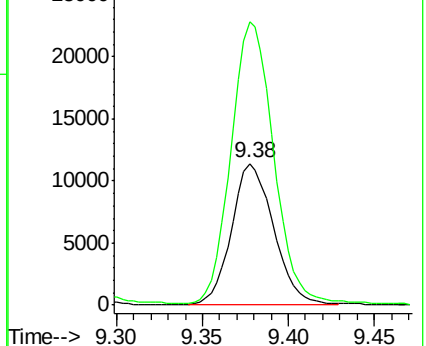
106 100

91 200.0 142.2 264.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#54

o-xylene

Concen: 2.80 ug/L

RT: 9.78 min Scan# 2859

Delta R.T. -0.00 min

Lab File: VU023741.D

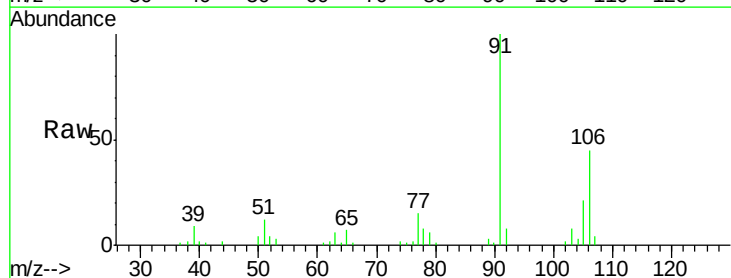
Acq: 08 May 2018 16:58

Tgt Ion:106 Resp: 13713

Ion Ratio Lower Upper

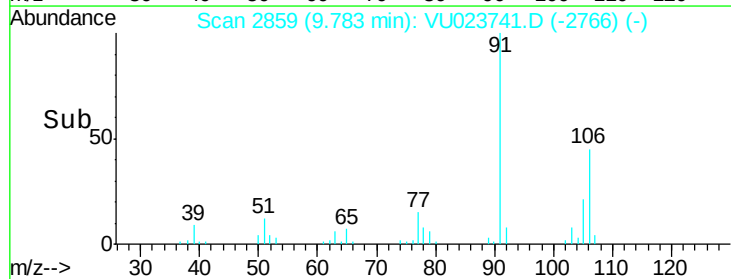
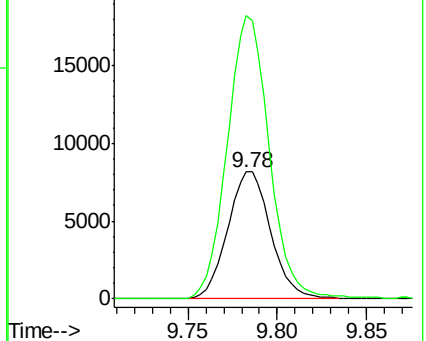
106 100

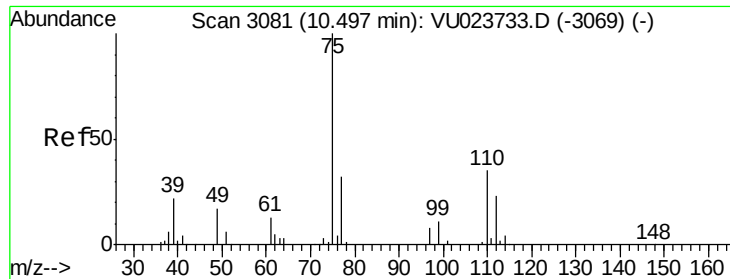
91 222.7 152.6 283.4



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: 5.23 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU023741.D

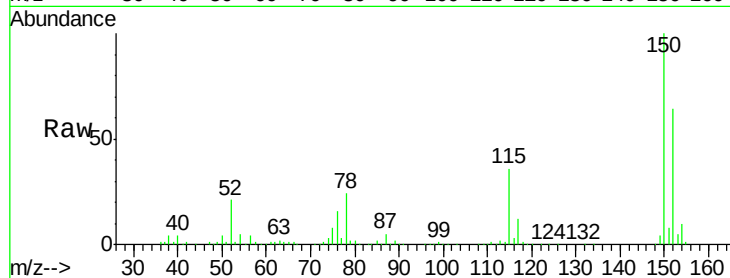
Acq: 08 May 2018 16:58

Tgt Ion: 75 Resp: 20484

Ion Ratio Lower Upper

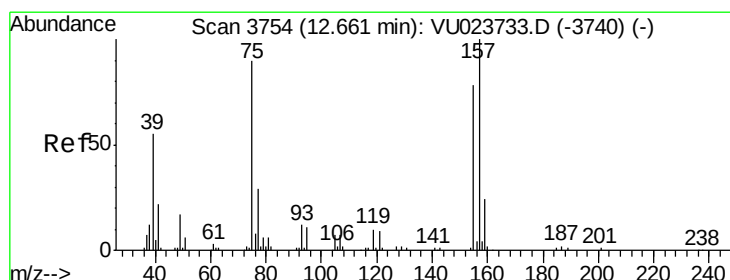
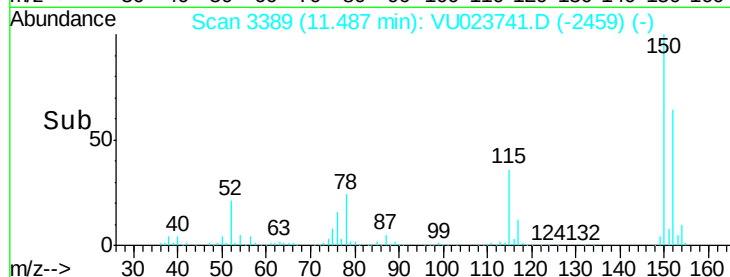
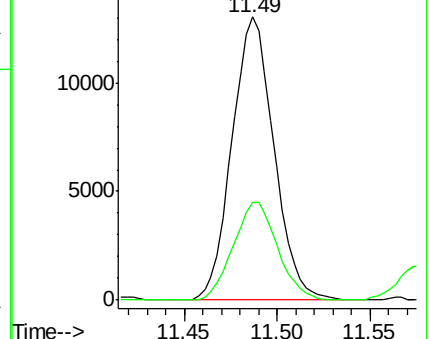
75 100

77 36.3 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: 1.99 ug/L

RT: 12.70 min Scan# 3766

Delta R.T. 0.04 min

Lab File: VU023741.D

Acq: 08 May 2018 16:58

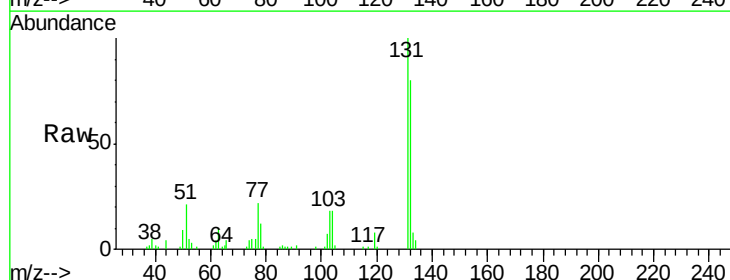
Tgt Ion: 75 Resp: 1972

Ion Ratio Lower Upper

75 100

155 0.0 71.7 107.5#

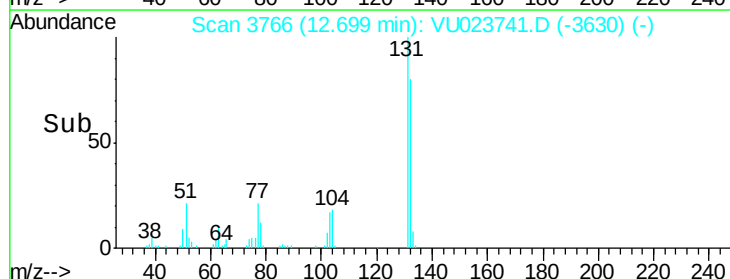
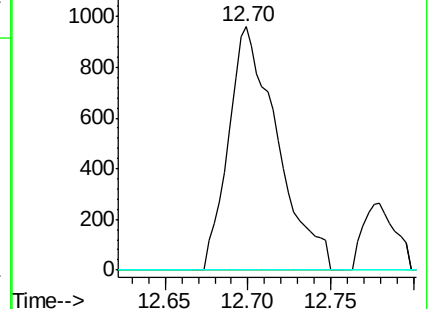
157 0.0 90.6 136.0#

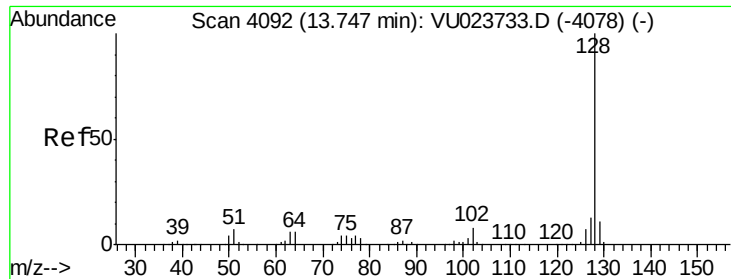


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V





#69

Naphthalene

Concen: 49.74 ug/L

RT: 13.75 min Scan# 4092

Delta R.T. -0.00 min

Lab File: VU023741.D

Acq: 08 May 2018 16:58

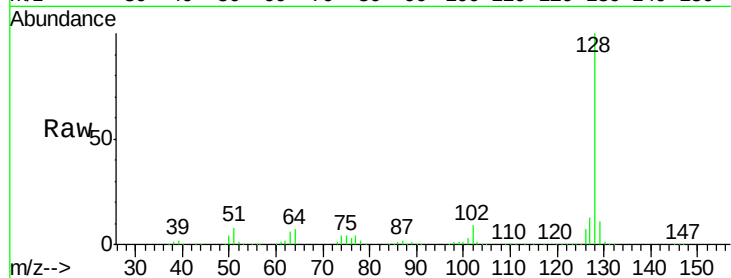
Tgt Ion:128 Resp: 610323

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 11.1 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

