

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050618\
 Data File : VU023689.D
 Acq On : 06 May 2018 14:38
 Operator : MD/SY
 Sample : J2721-18DL 20X
 Misc : 3.72g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 07 00:52:23 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 07 00:51:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	395509	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	381020	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	200377	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	113289	40.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.82%
7) Chloroethane-d5	1.67	69	90581	42.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.78%
11) 1,1-Dichloroethene-d2	2.27	63	159464	29.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.36%#
21) 2-Butanone-d5	4.18	46	187394	96.76	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.76%
24) Chloroform-d	4.65	84	205437	44.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.64%
26) 1,2-Dichloroethane-d4	5.31	65	138920	43.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.18%
32) Benzene-d6	5.35	84	443302	43.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.72%
36) 1,2-Dichloropropane-d6	6.33	67	149476	43.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.30%
41) Toluene-d8	7.57	98	403995	42.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.74%
43) trans-1,3-Dichloropropene-	7.85	79	60473	41.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.04%
47) 2-Hexanone-d5	8.31	63	135619	104.30	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.30%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	193532	43.70	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	176021	45.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.06%

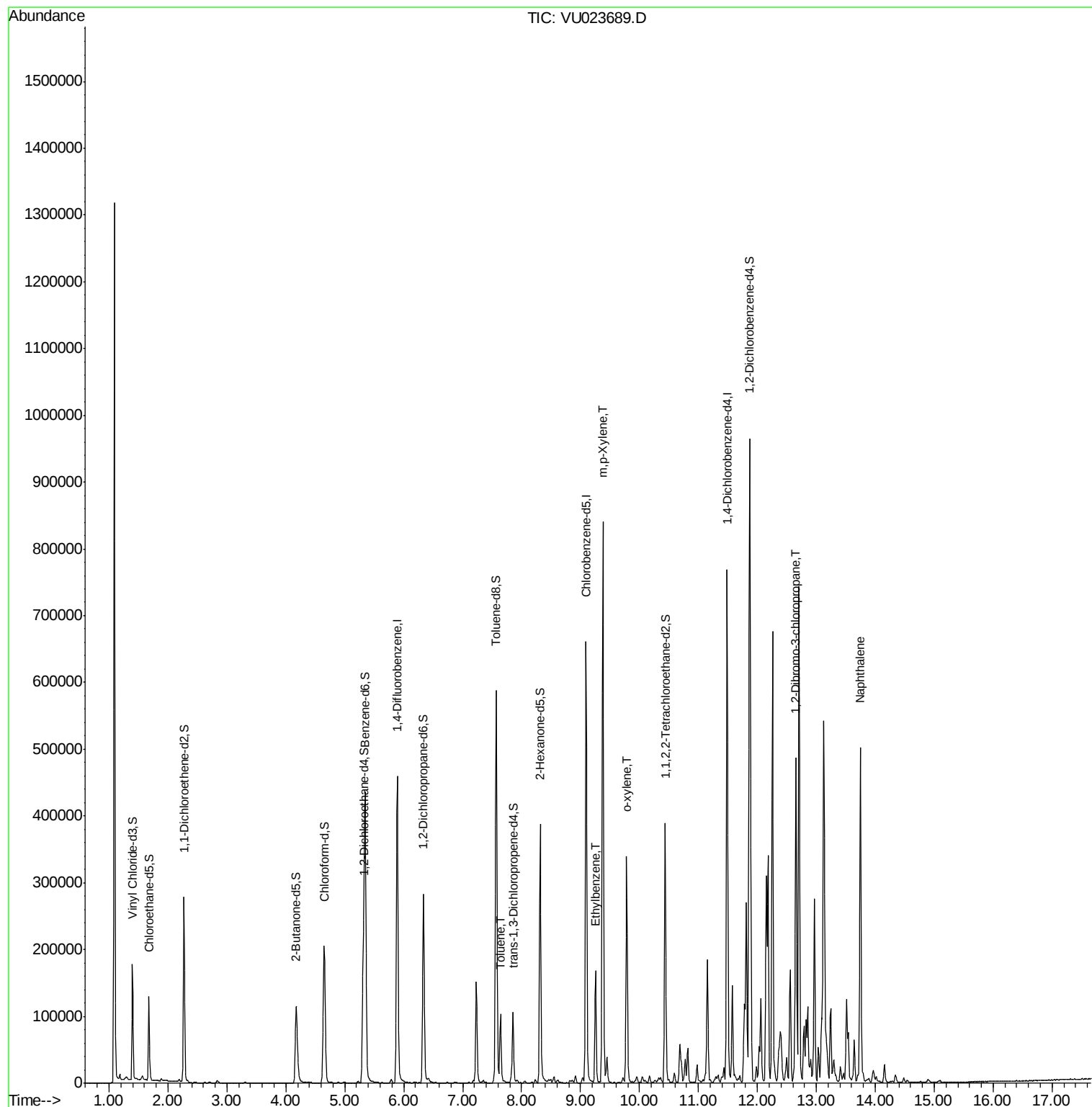
Target Compounds

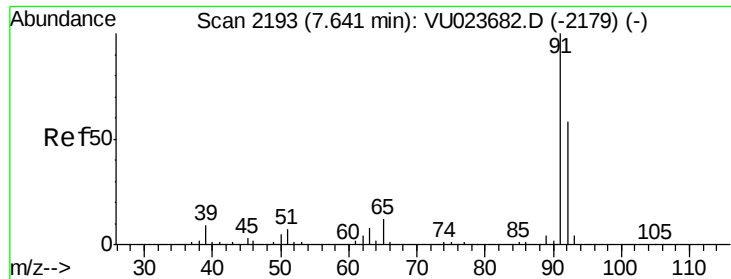
						Qvalue
42) Toluene	7.64	91	76622	5.51	ug/L	98
52) Ethylbenzene	9.26	91	119319	7.91	ug/L	99
53) m,p-Xylene	9.38	106	239584	41.64	ug/L	98
54) o-xylene	9.78	106	91313	16.75	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.65	75	1799	1.68	ug/L #	1
69) Naphthalene	13.75	128	391869	29.05	ug/L	100

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

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QLast Update : Mon May 07 00:51:10 2018
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#42

Toluene

Concen: 5.51 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU023689.D

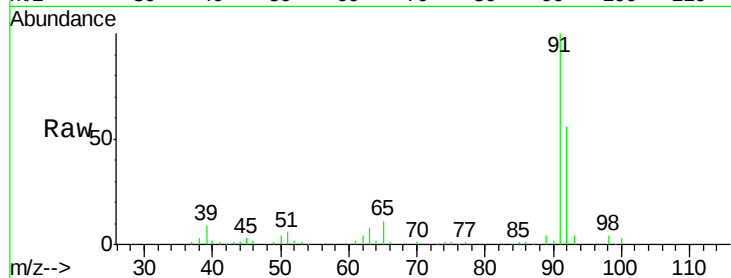
Acq: 06 May 2018 14:38

Tgt Ion: 91 Resp: 76622

Ion Ratio Lower Upper

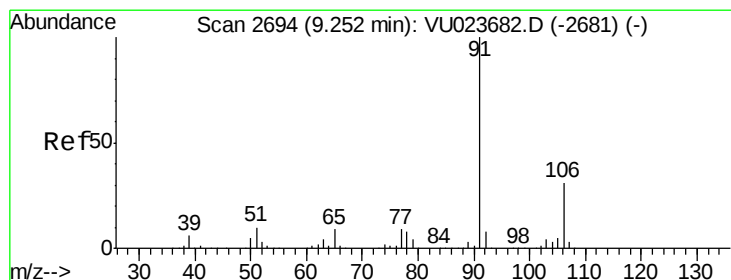
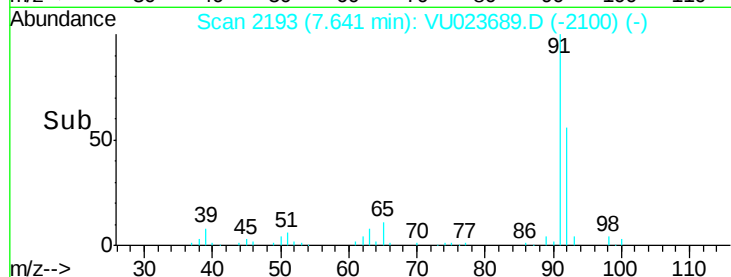
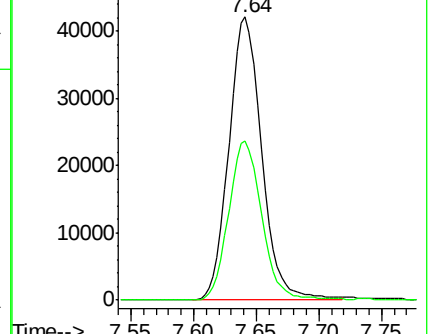
91 100

92 56.4 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: 7.91 ug/L

RT: 9.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VU023689.D

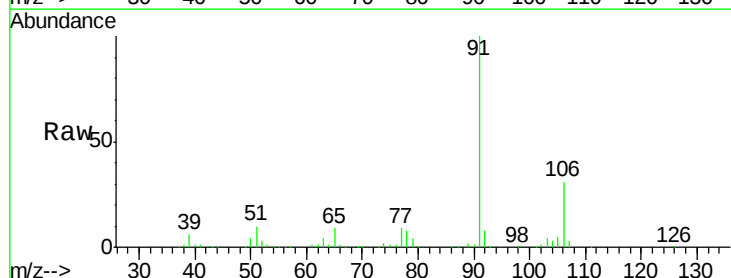
Acq: 06 May 2018 14:38

Tgt Ion: 91 Resp: 119319

Ion Ratio Lower Upper

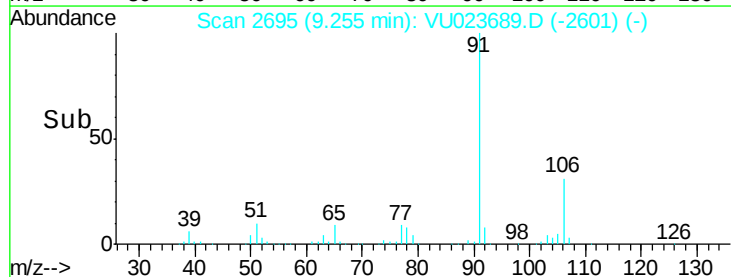
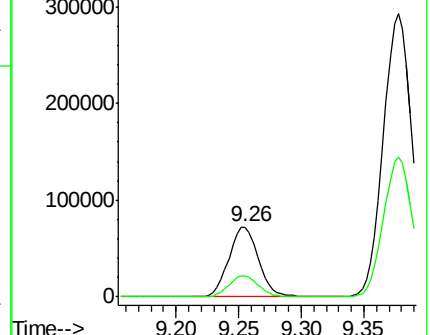
91 100

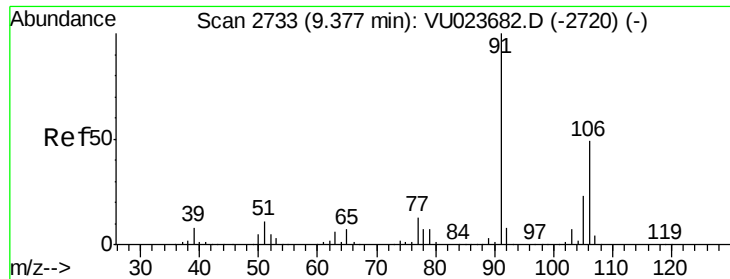
106 30.5 21.6 40.0



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V





#53

m,p-Xylene

Concen: 41.64 ug/L

RT: 9.38 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VU023689.D

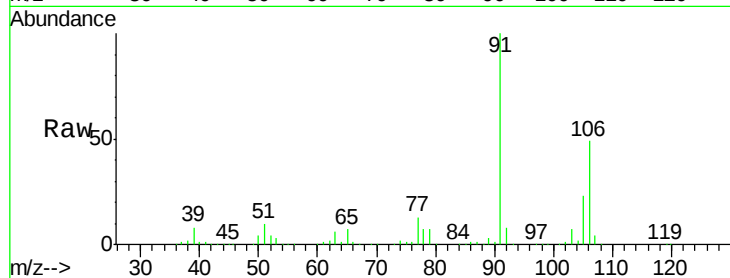
Acq: 06 May 2018 14:38

Tgt Ion:106 Resp: 239584

Ion Ratio Lower Upper

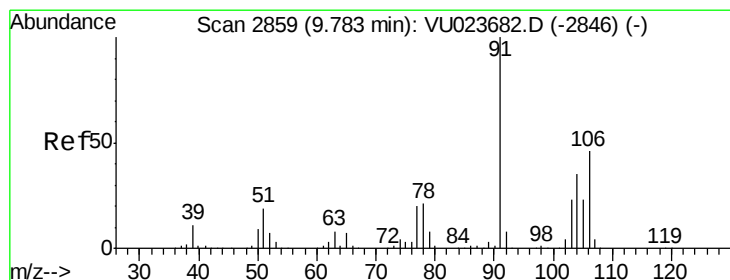
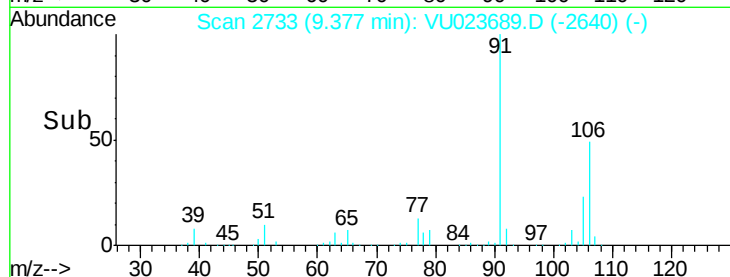
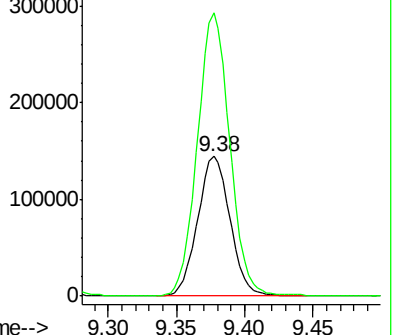
106 100

91 202.3 144.1 267.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#54

o-xylene

Concen: 16.75 ug/L

RT: 9.78 min Scan# 2859

Delta R.T. -0.00 min

Lab File: VU023689.D

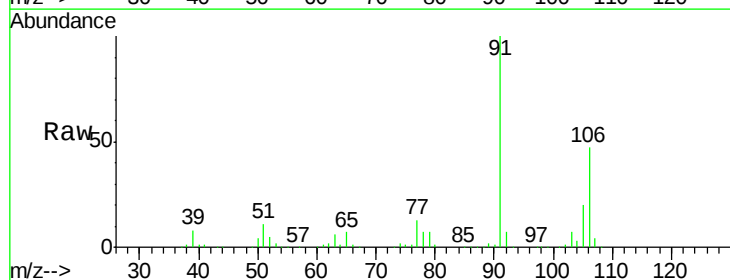
Acq: 06 May 2018 14:38

Tgt Ion:106 Resp: 91313

Ion Ratio Lower Upper

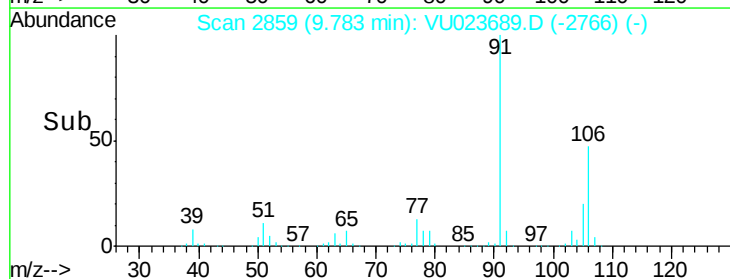
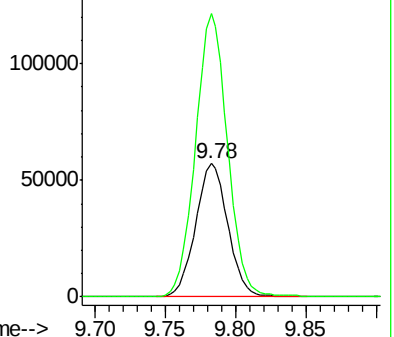
106 100

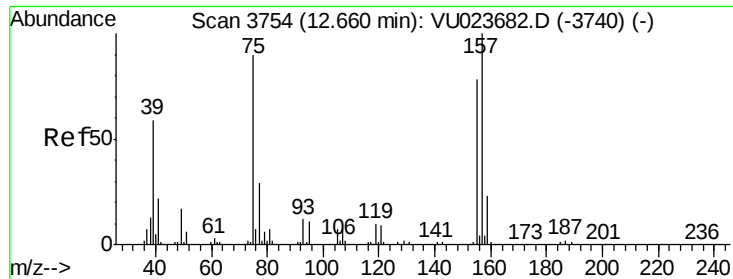
91 212.5 148.9 276.5



Abundance Ion 106.00 (105.70 to 106.70): V

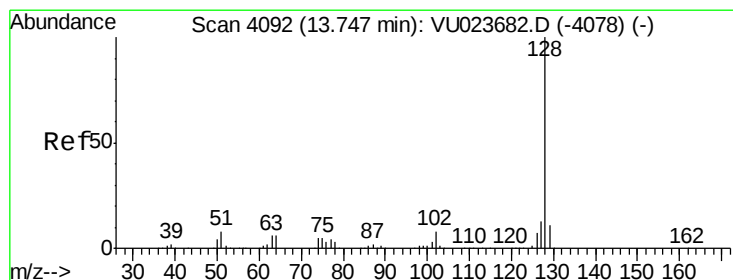
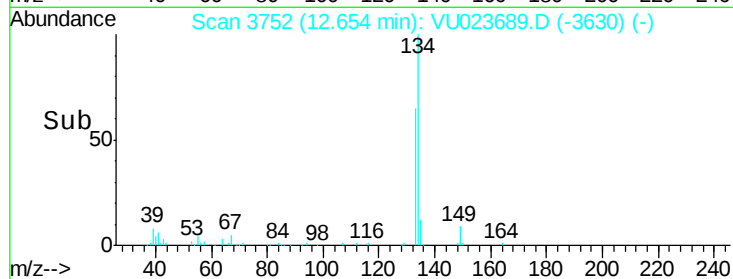
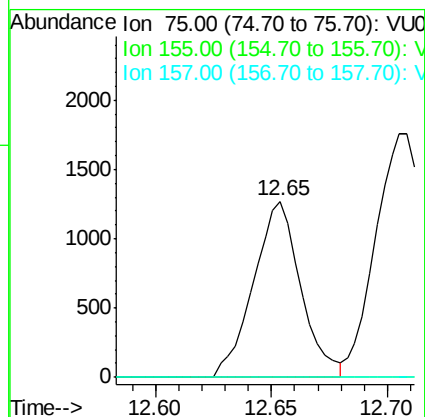
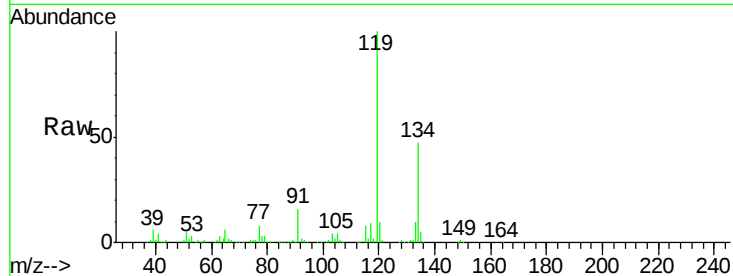
Ion 91.00 (90.70 to 91.70): VU0





#66
 1,2-Dibromo-3-chloropropane
 Concen: 1.68 ug/L
 RT: 12.65 min Scan# 3752
 Delta R.T. -0.01 min
 Lab File: VU023689.D
 Acq: 06 May 2018 14:38

Tgt Ion: 75 Resp: 1799
 Ion Ratio Lower Upper
 75 100
 155 0.0 68.9 103.3#
 157 0.0 89.9 134.9#



#69
 Naphthalene
 Concen: 29.05 ug/L
 RT: 13.75 min Scan# 4092
 Delta R.T. -0.00 min
 Lab File: VU023689.D
 Acq: 06 May 2018 14:38

Tgt Ion: 128 Resp: 391869
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.3 15.5
 129 11.0 8.6 13.0

