

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050718\
 Data File : VU023689.D
 Acq On : 07 May 2018 13:43
 Operator : MD/SY
 Sample : J2691-22MEDL 50X
 Misc : 2.94g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 07 14:36:05 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	355901	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	334425	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	175080	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	100860	39.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.96%
7) Chloroethane-d5	1.68	69	84136	43.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.52%
11) 1,1-Dichloroethene-d2	2.27	63	154623	31.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.88%
21) 2-Butanone-d5	4.18	46	184039	105.60	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.60%
24) Chloroform-d	4.65	84	193836	46.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.94%
26) 1,2-Dichloroethane-d4	5.31	65	131426	45.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.60%
32) Benzene-d6	5.35	84	409978	45.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.38%
36) 1,2-Dichloropropane-d6	6.34	67	139879	46.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.08%
41) Toluene-d8	7.57	98	375327	45.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.74%
43) trans-1,3-Dichloropropene-	7.85	79	57944	44.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.58%
47) 2-Hexanone-d5	8.31	63	132413	116.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.02%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	188832	48.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.14%
64) 1,2-Dichlorobenzene-d4	11.86	152	162423	47.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.10%

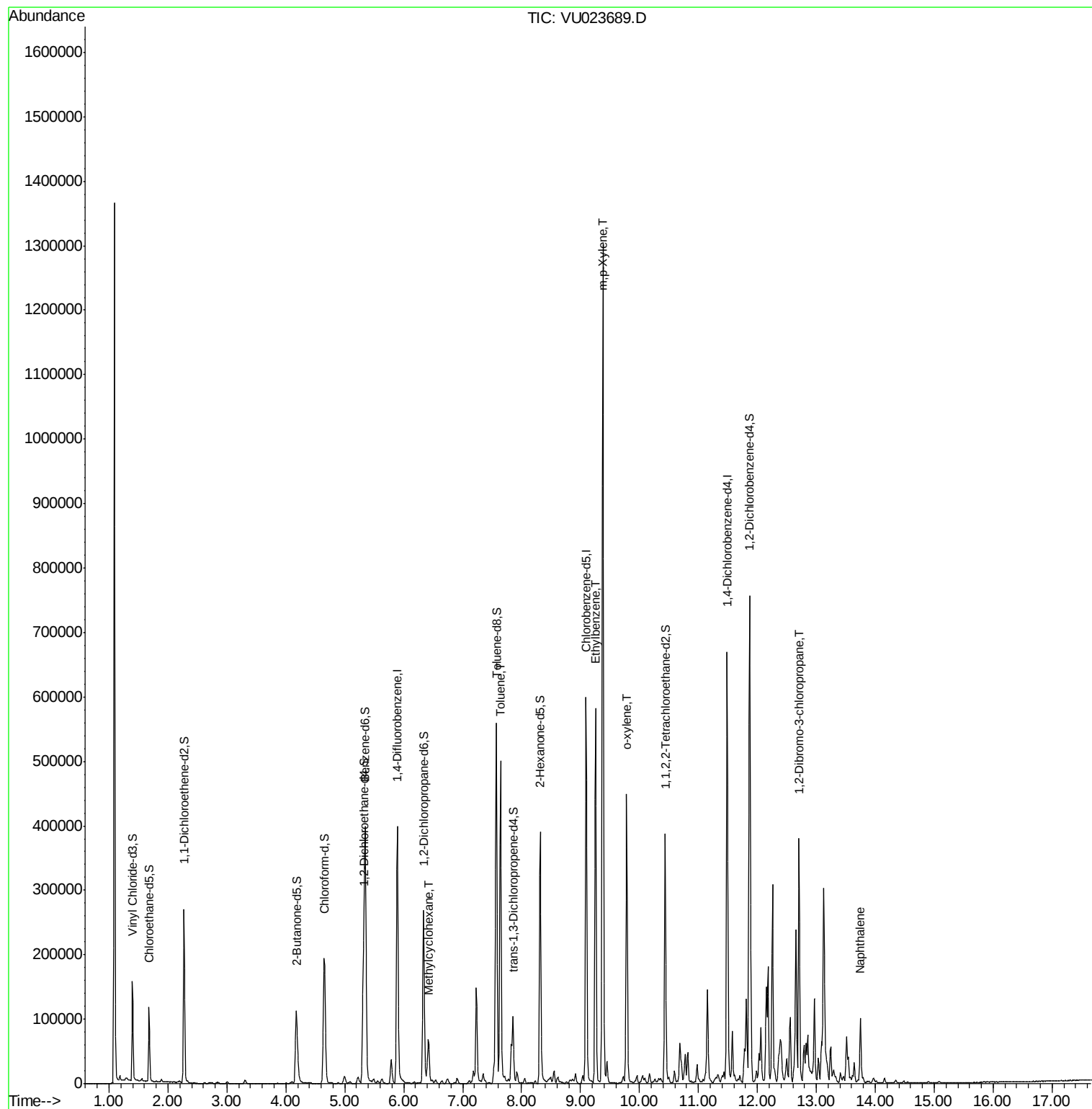
Target Compounds

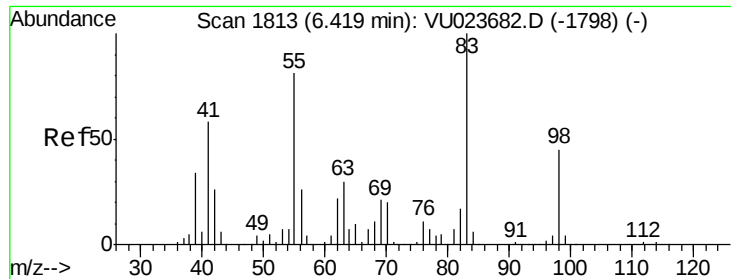
					Ovalue
35) Methylcyclohexane	6.42	83	26806	5.676	ug/L 95
42) Toluene	7.64	91	372643	30.508	ug/L 99
52) Ethylbenzene	9.26	91	403408	30.468	ug/L 99
53) m,p-Xylene	9.38	106	365623	72.399	ug/L 99
54) o-xylene	9.78	106	116666	24.383	ug/L 99
66) 1,2-Dibromo-3-chloropropan	12.70	75	1390	1.482	ug/L # 1
69) Naphthalene	13.75	128	81846	6.944	ug/L 99

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

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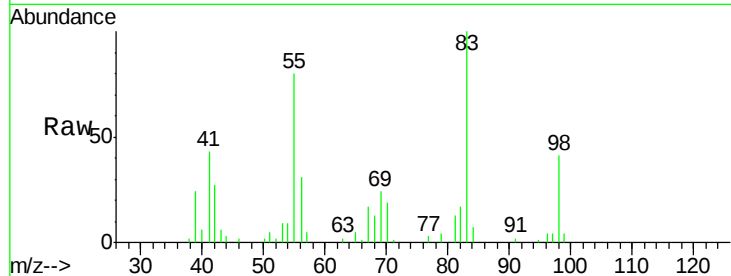
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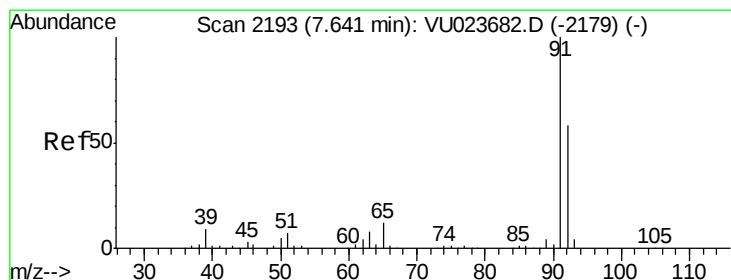
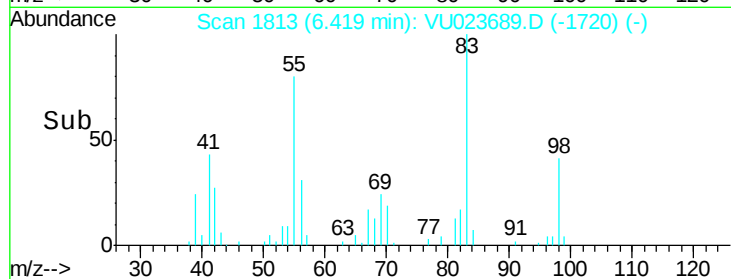
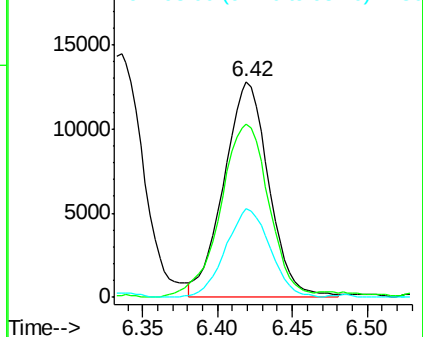


#35
Methvlcvclohexane
Concen: 5.676 ug/L
RT: 6.42 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VU023689.D
Acq: 07 May 2018 13:43

Tot Ion: 83 Resp: 26806
Ion Ratio Lower Upper
83 100
55 86.3 66.7 100.1
98 40.8 36.6 54.8

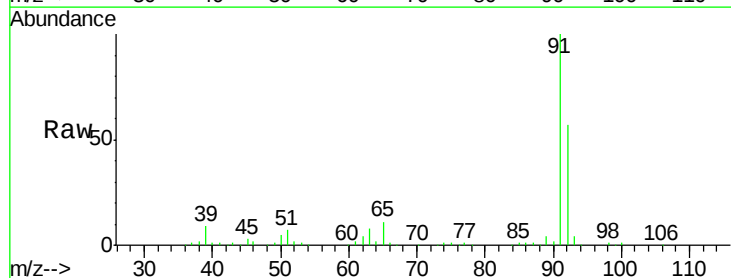


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

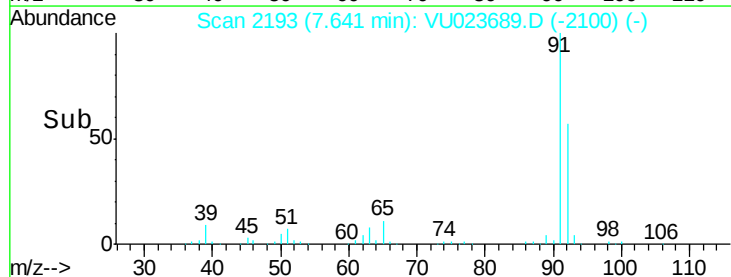
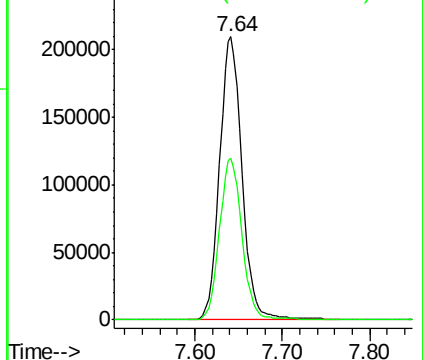


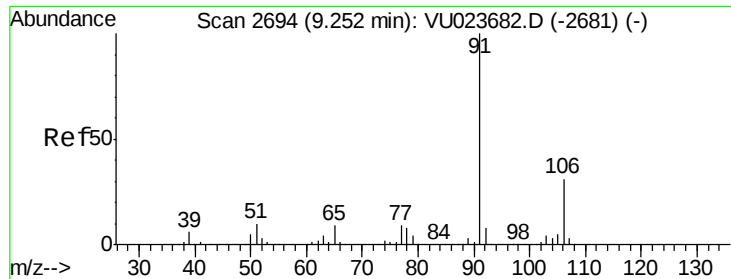
#42
Toluene
Concen: 30.508 ug/L
RT: 7.64 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VU023689.D
Acq: 07 May 2018 13:43

Tgt Ion: 91 Resp: 372643
Ion Ratio Lower Upper
91 100
92 57.2 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: 30.468 ug/L

RT: 9.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VU023689.D

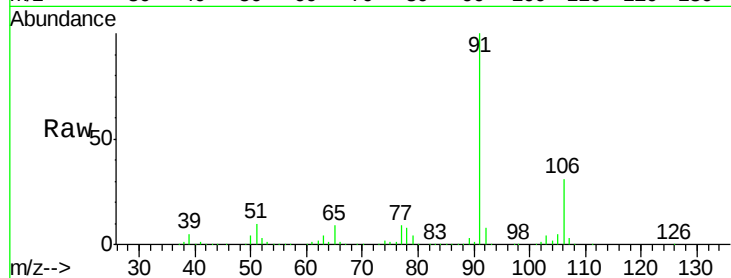
Acq: 07 May 2018 13:43

Tot Ion: 91 Resp: 403408

Ion Ratio Lower Upper

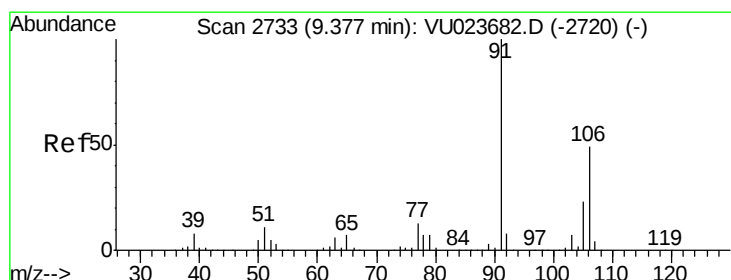
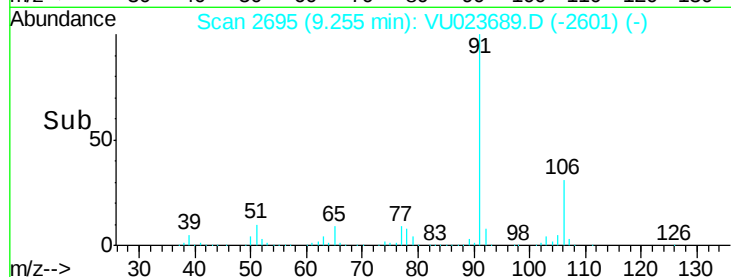
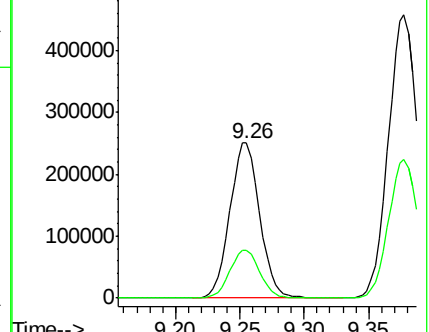
91 100

106 31.2 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: 72.399 ug/L

RT: 9.38 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VU023689.D

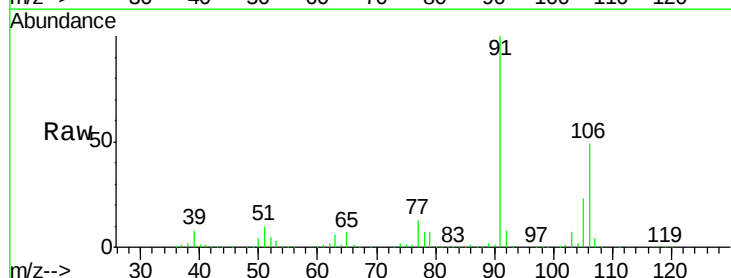
Acq: 07 May 2018 13:43

Tgt Ion:106 Resp: 365623

Ion Ratio Lower Upper

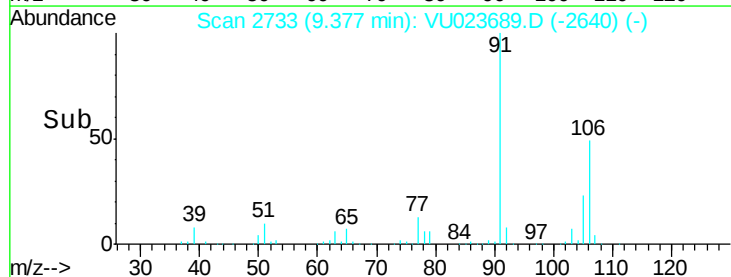
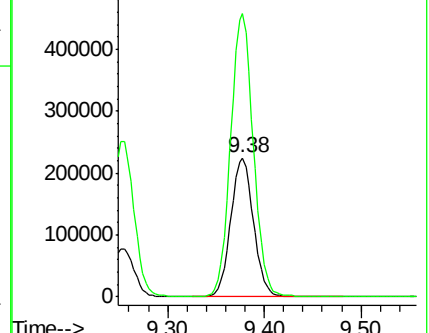
106 100

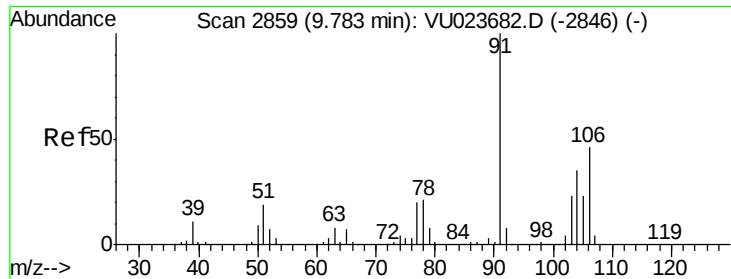
91 203.8 144.1 267.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0





#54

o-xylene

Concen: 24.383 ug/L

RT: 9.78 min Scan# 2859

Delta R.T. -0.00 min

Lab File: VU023689.D

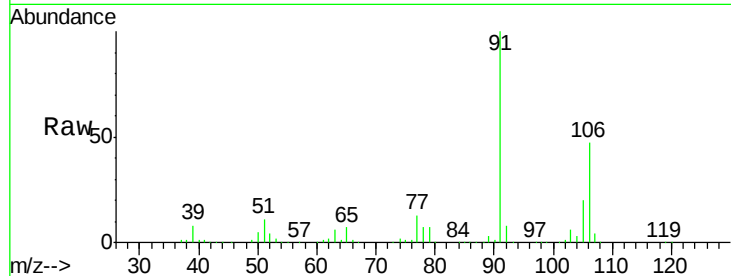
Acq: 07 May 2018 13:43

Tot Ion:106 Resp: 116666

Ion Ratio Lower Upper

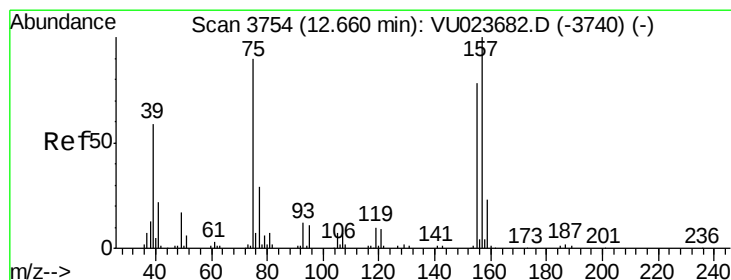
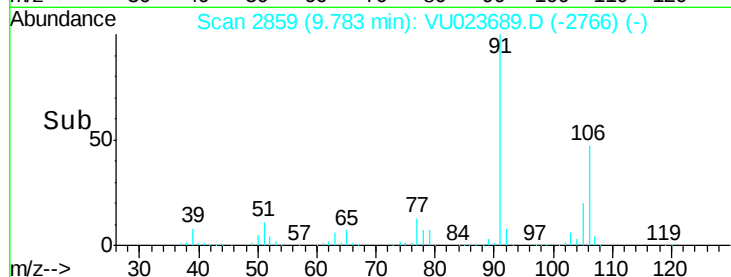
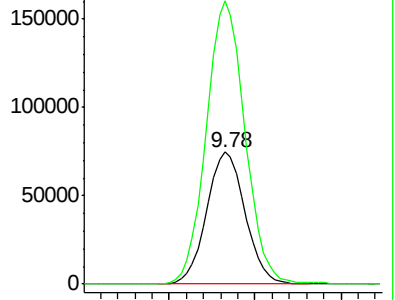
106 100

91 214.8 148.9 276.5



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: 1.482 ug/L

RT: 12.70 min Scan# 3767

Delta R.T. 0.04 min

Lab File: VU023689.D

Acq: 07 May 2018 13:43

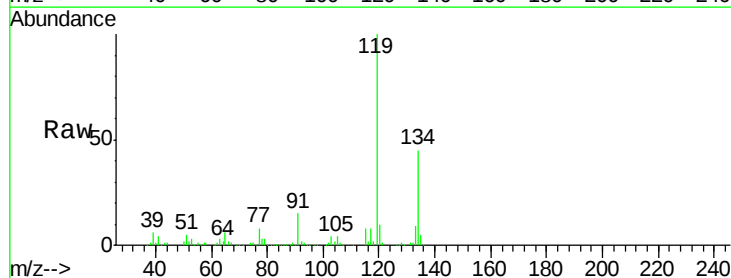
Tgt Ion: 75 Resp: 1390

Ion Ratio Lower Upper

75 100

155 0.0 68.9 103.3#

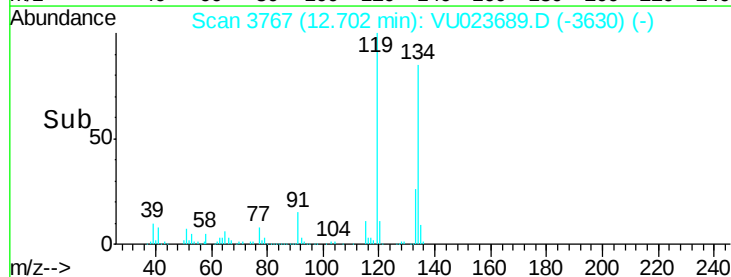
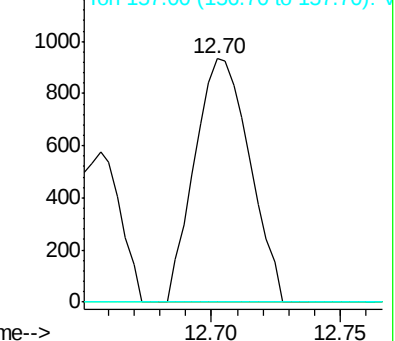
157 0.0 89.9 134.9#

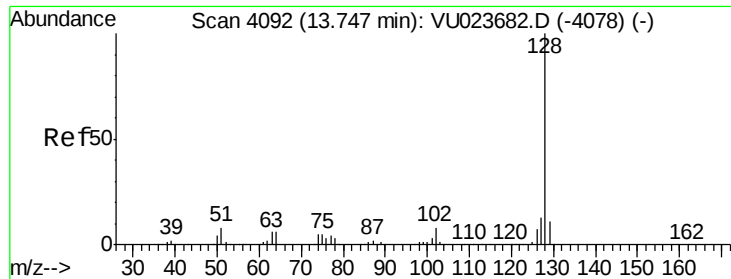


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V





#69

Naphthalene

Concen: 6.944 ug/L

RT: 13.75 min Scan# 4092

Delta R.T. -0.00 min

Lab File: VU023689.D

Acq: 07 May 2018 13:43

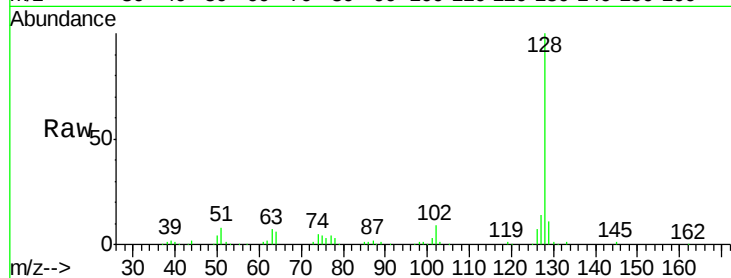
Tot Ion:128 Resp: 81846

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 10.5 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

