

Data Path : W:\HPCHEM1\MSVOA V\DATA\VV051518\
 Data File : VV005911.D
 Acq On : 15 May 2018 12:56
 Operator : SY/MD
 Sample : J2241-07
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 16 03:59:22 2018
 Quant Method : W:\HPCHEM1\MSVOA V\METHOD\SOMVTR050518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed May 16 03:06:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	290882	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	282153	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	108865	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	123594	5.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	112.00%
7) Chloroethane-d5	1.58	69	97964	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.80%
11) 1,1-Dichloroethene-d2	2.13	63	182081	3.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.80%
20) 2-Butanone-d5	3.96	46	203740	46.91	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.82%
24) Chloroform-d	4.41	84	202105	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	5.09	65	120825	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.11	84	435139	5.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.60%
36) 1,2-Dichloropropane-d6	6.13	67	133162	5.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.20%
41) Toluene-d8	7.37	98	378034	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
43) trans-1,3-Dichloropropene-	7.67	79	45270	4.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.60%
46) 2-Hexanone-d5	8.14	63	144330	39.81	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.62%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	78744	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	124389	5.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.00%

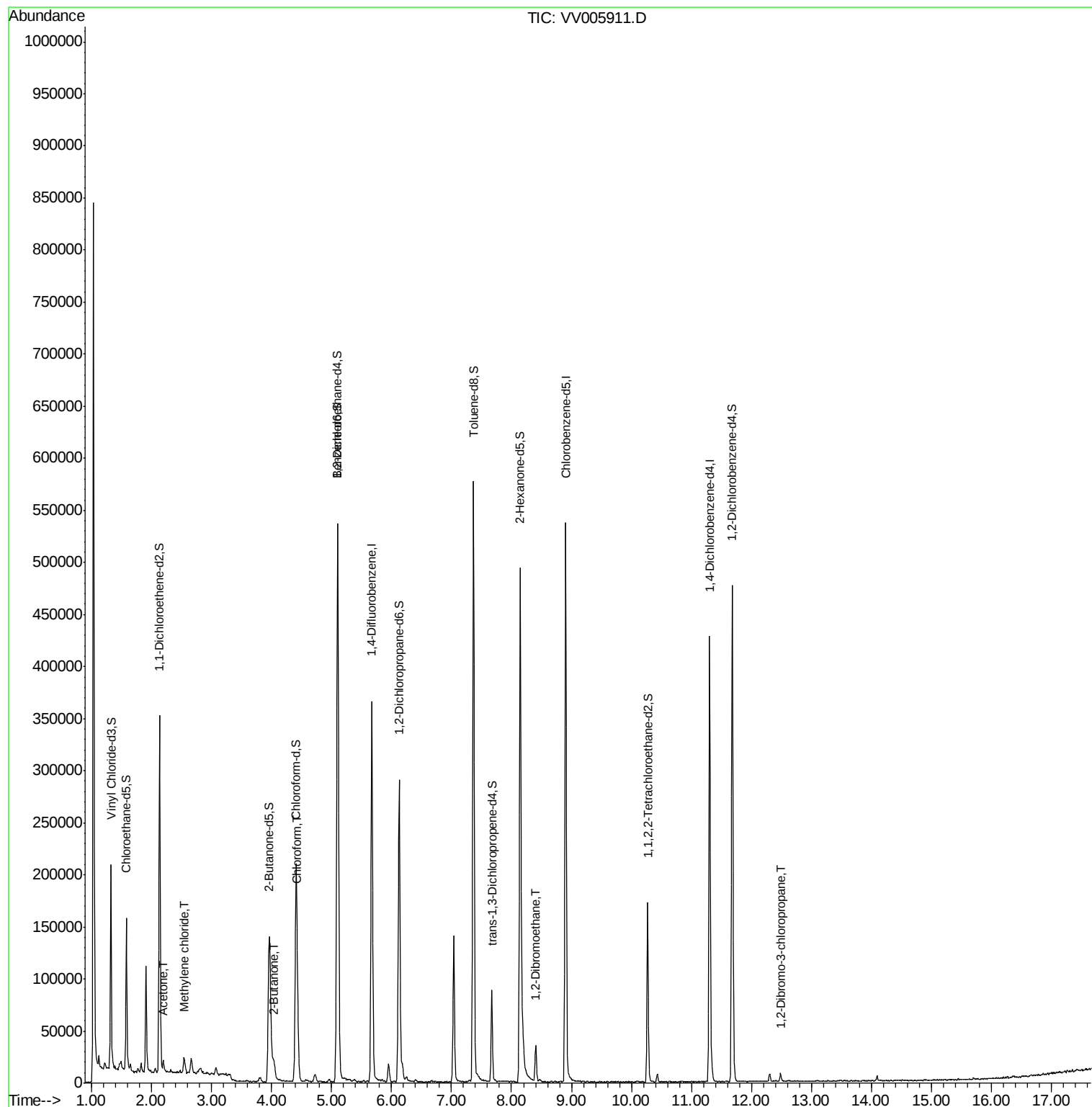
Target Compounds

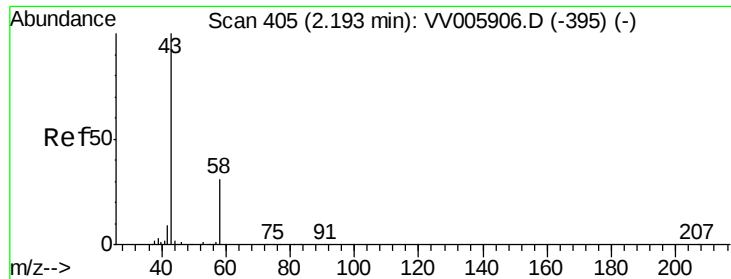
					Ovalue
13) Acetone	2.20	43	6530	1.78 ug/L	88
16) Methylene chloride	2.54	84	4703	0.20 ug/L	81
21) 2-Butanone	4.04	43	15053	3.01 ug/L	94
25) Chloroform	4.44	83	28155	0.60 ug/L	97
50) 1,2-Dibromoethane	8.40	107	21742	1.55 ug/L #	93
66) 1,2-Dibromo-3-chloropropan	12.48	75	1978	0.86 ug/L #	83

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

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#13

Acetone

Concen: 1.78 ug/L

RT: 2.20 min Scan# 406

Delta R.T. 0.00 min

Lab File: VV005911.D

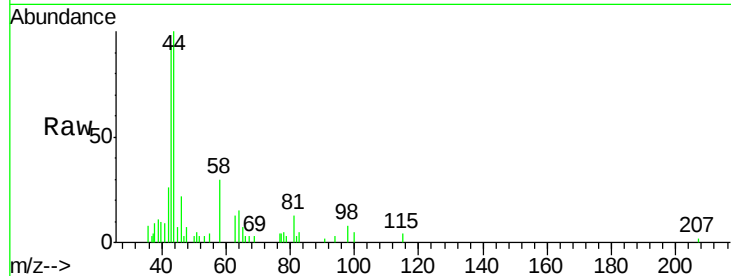
Acq: 15 May 2018 12:56

Tot Ion: 43 Resp: 6530

Ion Ratio Lower Upper

43 100

58 35.5 0.0 57.8



Abundance Ion 43.05 (42.75 to 43.75): VV005911.D (-405) (-)

Ion 58.05 (57.75 to 58.75): VV005911.D (-405) (-)

2.20

4000

3000

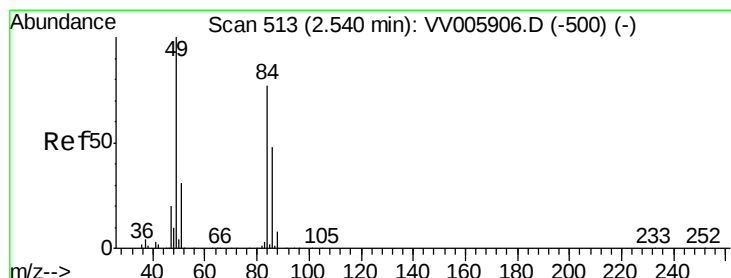
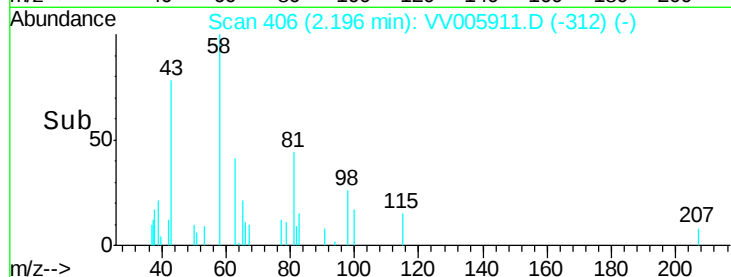
2000

1000

0

Time-->

2.15 2.20 2.25



#16

Methylene chloride

Concen: 0.20 ug/L

RT: 2.54 min Scan# 513

Delta R.T. -0.00 min

Lab File: VV005911.D

Acq: 15 May 2018 12:56

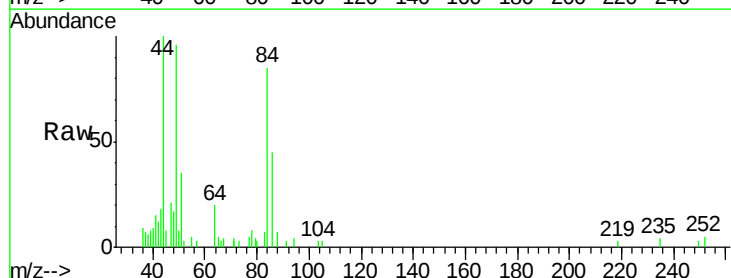
Tgt Ion: 84 Resp: 4703

Ion Ratio Lower Upper

84 100

86 52.6 44.3 82.3

49 112.4 96.5 179.1



Abundance Ion 84.05 (83.75 to 84.75): VV005911.D (-420) (-)

Ion 86.00 (85.70 to 86.70): VV005911.D (-420) (-)

Ion 49.10 (48.80 to 49.80): VV005911.D (-420) (-)

2.54

4000

3000

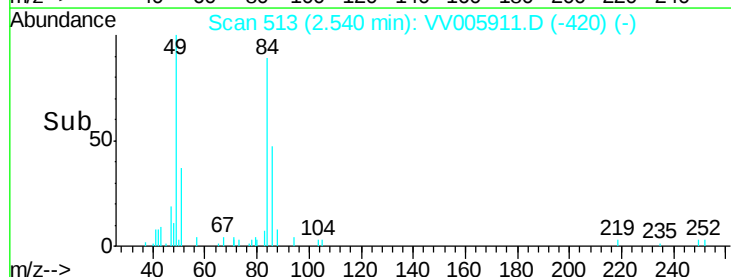
2000

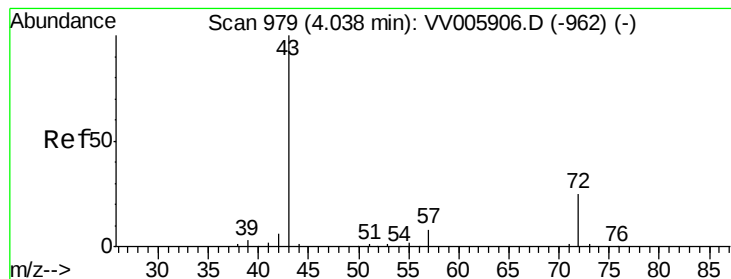
1000

0

Time-->

2.50 2.55





#21

2-Butanone

Concen: 3.01 ug/L

RT: 4.04 min Scan# 980

Delta R.T. 0.00 min

Lab File: VV005911.D

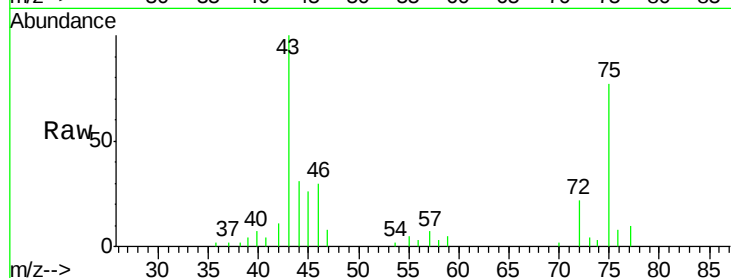
Acq: 15 May 2018 12:56

Tot Ion: 43 Resp: 15053

Ion Ratio Lower Upper

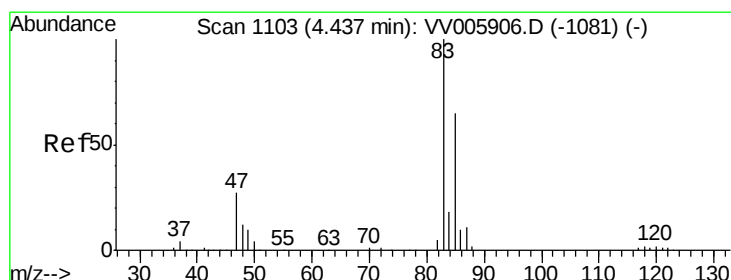
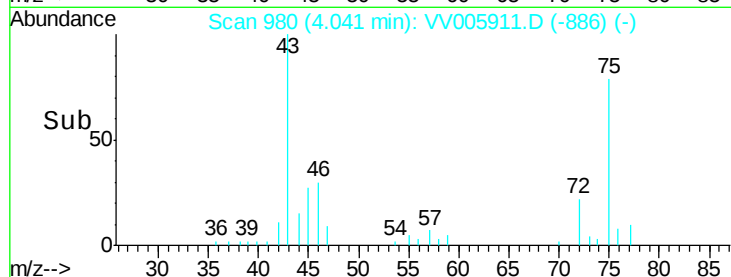
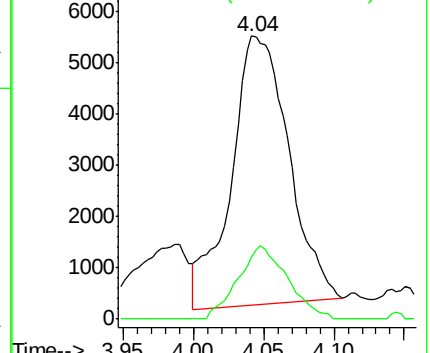
43 100

72 23.3 13.2 39.5



Abundance Ion 43.05 (42.75 to 43.75): VV005911.D (-886) (-)

Ion 72.10 (71.80 to 72.80): VV005911.D (-886) (-)



#25

Chloroform

Concen: 0.60 ug/L

RT: 4.44 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VV005911.D

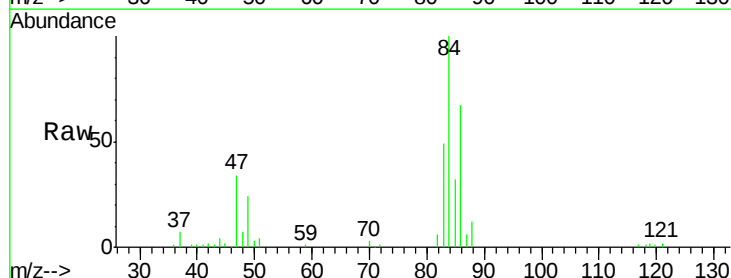
Acq: 15 May 2018 12:56

Tgt Ion: 83 Resp: 28155

Ion Ratio Lower Upper

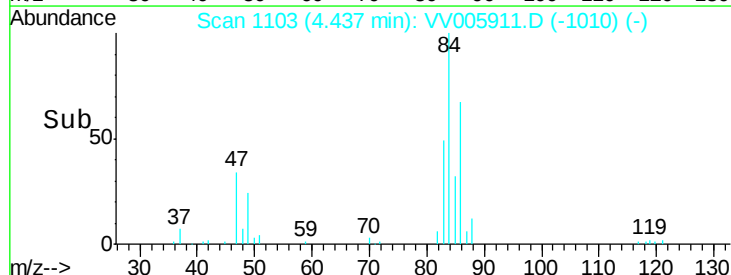
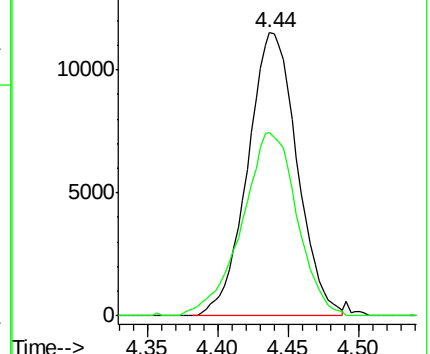
83 100

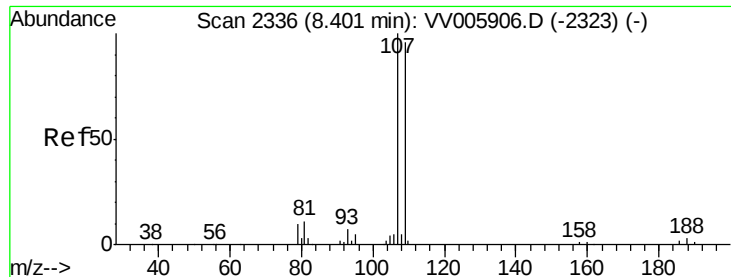
85 64.6 47.1 87.5



Abundance Ion 83.05 (82.75 to 83.75): VV005911.D (-1010) (-)

Ion 85.00 (84.70 to 85.70): VV005911.D (-1010) (-)





#50

1,2-Dibromoethane

Concen: 1.55 ug/L

RT: 8.40 min Scan# 2337

Delta R.T. 0.00 min

Lab File: VV005911.D

Acq: 15 May 2018 12:56

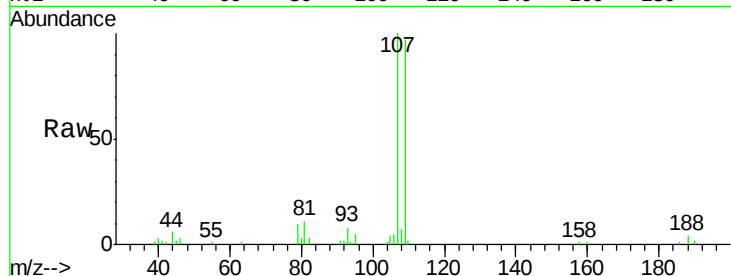
Tot Ion: 107 Resp: 21742

Ion Ratio Lower Upper

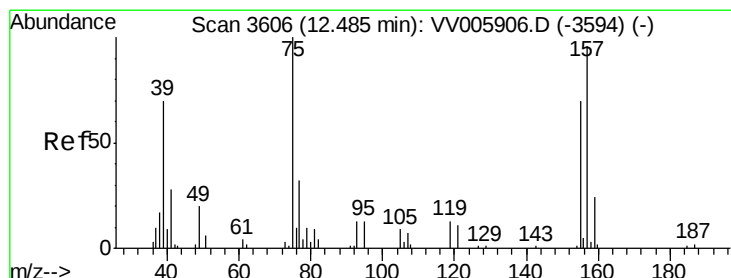
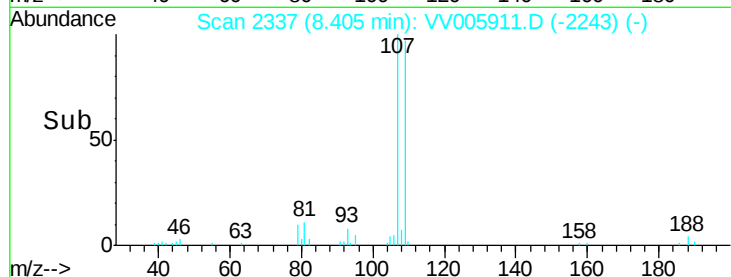
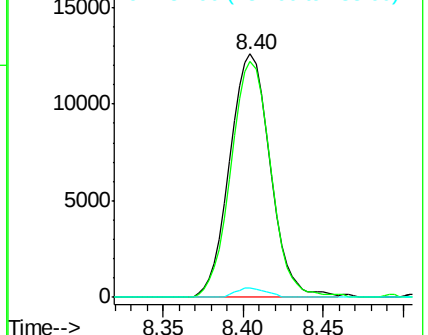
107 100

109 97.0 63.2 117.4

188 4.0 2.4 3.6#



Abundance Ion 106.95 (106.65 to 107.65): V
Ion 109.00 (108.70 to 109.70): V
Ion 187.90 (187.60 to 188.60): V



#66

1,2-Dibromo-3-chloropropane

Concen: 0.86 ug/L

RT: 12.48 min Scan# 3606

Delta R.T. -0.00 min

Lab File: VV005911.D

Acq: 15 May 2018 12:56

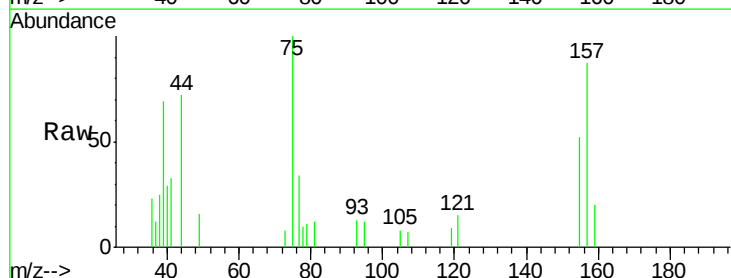
Tgt Ion: 75 Resp: 1978

Ion Ratio Lower Upper

75 100

155 52.0 56.1 84.1#

157 87.4 81.0 121.4



Abundance Ion 75.05 (74.75 to 75.75): VV0
Ion 154.95 (154.65 to 155.65): V
Ion 156.90 (156.60 to 157.60): V

