

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061618\
 Data File : VV006330.D
 Acq On : 16 Jun 2018 19:31
 Operator : SY/MD
 Sample : J3549-20
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ESWG2

Quant Time: Jun 18 02:09:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 18 01:15:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	306150	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	274408	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	121449	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	69384	4.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.00%
7) Chloroethane-d5	1.58	69	60323	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	2.13	63	97820	3.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.20%
20) 2-Butanone-d5	3.96	46	202478	57.03	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.06%
24) Chloroform-d	4.41	84	152535	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.09	65	73445	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	5.11	84	293472	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
36) 1,2-Dichloropropane-d6	6.12	67	92687	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.37	98	262634	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.60%
43) trans-1,3-Dichloropropene-	7.67	79	29523	3.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.60%
46) 2-Hexanone-d5	8.14	63	152127	39.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.44%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	59619	4.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	104467	4.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.20%

Target Compounds

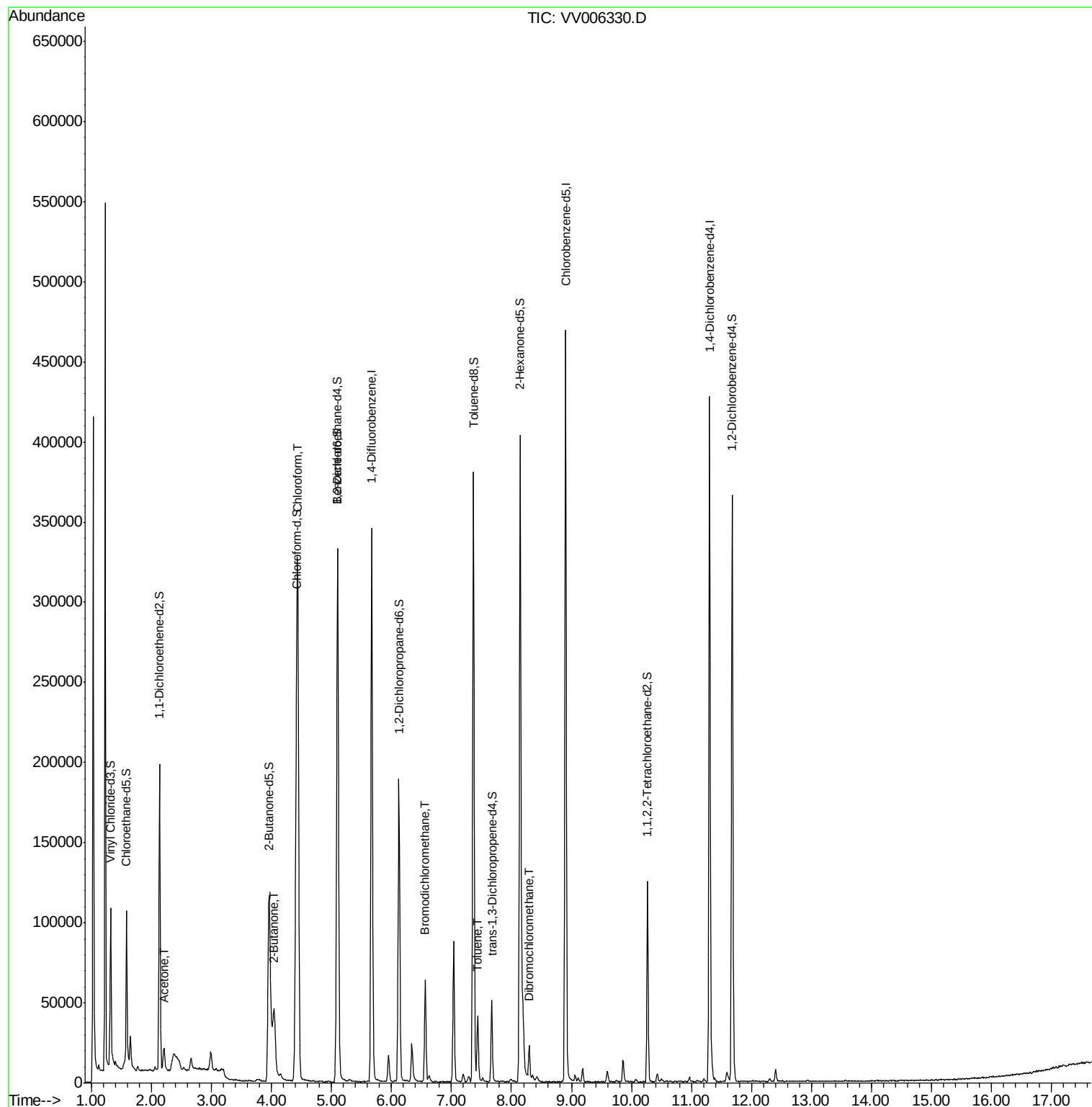
					Ovalue
13) Acetone	2.21	43	15314	7.960	ug/L 93
21) 2-Butanone	4.04	43	54078	15.451	ug/L 93
25) Chloroform	4.44	83	283076	8.502	ug/L 97
38) Bromodichloromethane	6.56	83	42806	1.773	ug/L 98
42) Toluene	7.44	91	28225	0.338	ug/L 99
49) Dibromochloromethane	8.30	129	6786	0.420	ug/L 98

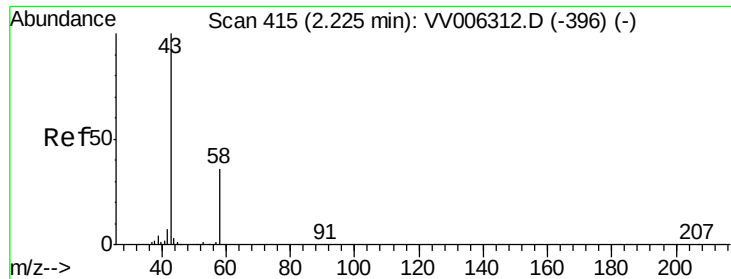
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 18 01:15:51 2018
Response via : Initial Calibration





#13

Acetone

Concen: 7.960 ug/L

RT: 2.21 min Scan# 410

Delta R.T. -0.02 min

Lab File: VV006330.D

Acq: 16 Jun 2018 19:31

Instrument :

MSVOA_V

ClientSampleId :

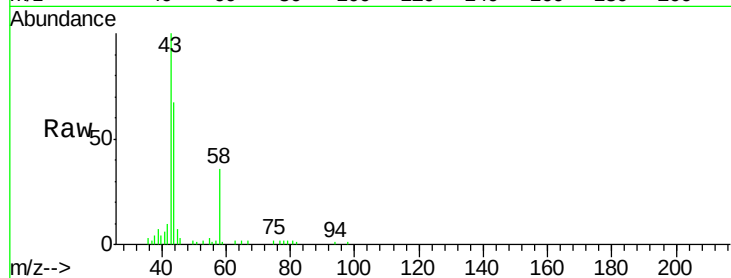
ESWG2

Tot Ion: 43 Resp: 15314

Ion Ratio Lower Upper

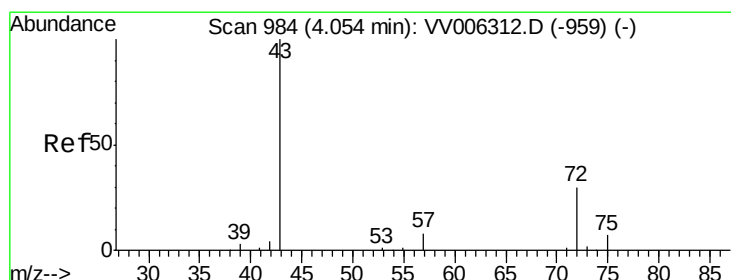
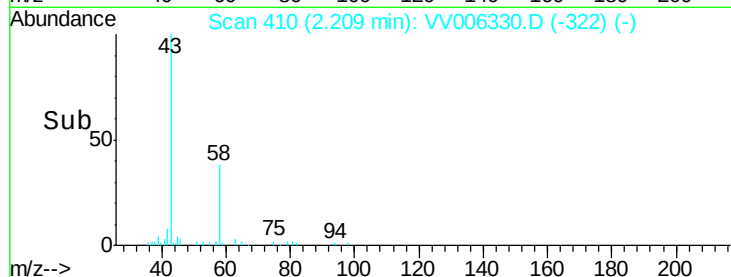
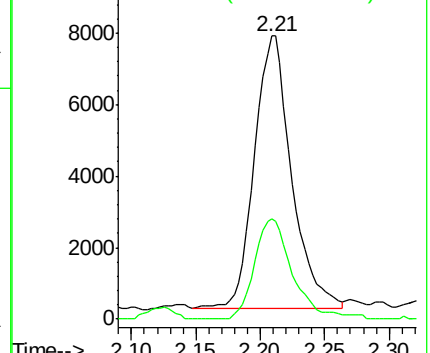
43 100

58 37.8 0.0 67.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#21

2-Butanone

Concen: 15.451 ug/L

RT: 4.04 min Scan# 981

Delta R.T. -0.01 min

Lab File: VV006330.D

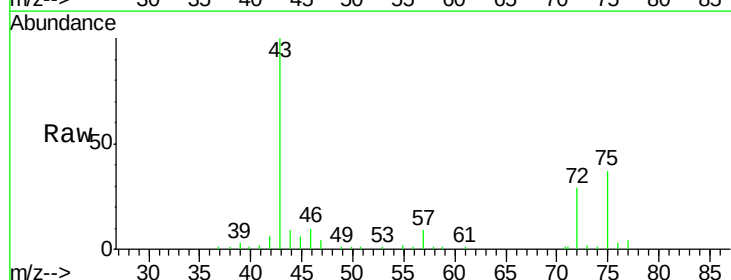
Acq: 16 Jun 2018 19:31

Tgt Ion: 43 Resp: 54078

Ion Ratio Lower Upper

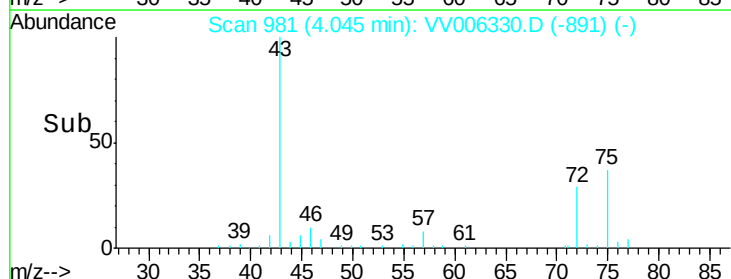
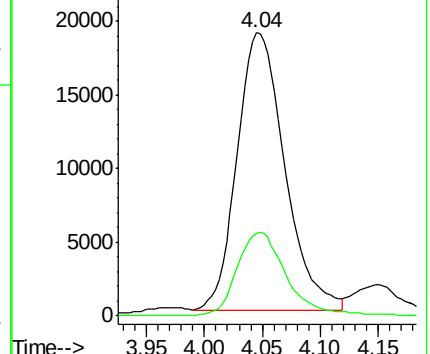
43 100

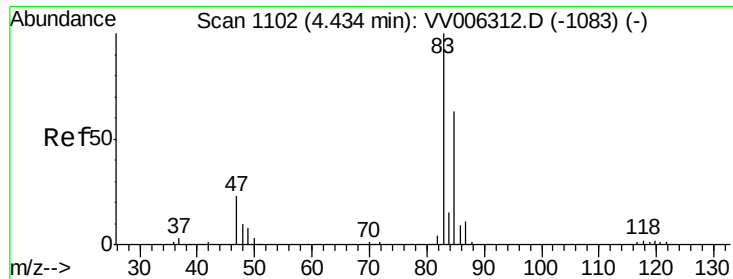
72 31.0 13.8 41.3



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 72.10 (71.80 to 72.80): VV0





#25

Chloroform

Concen: 8.502 ug/L

RT: 4.44 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VV006330.D

Acq: 16 Jun 2018 19:31

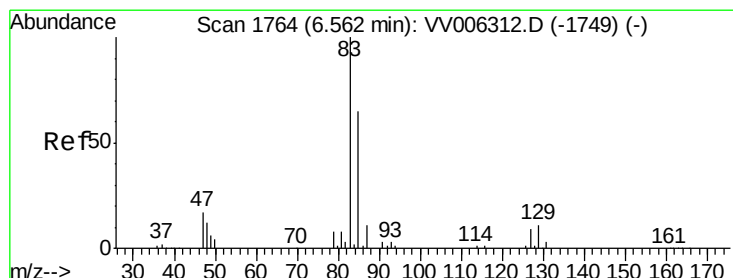
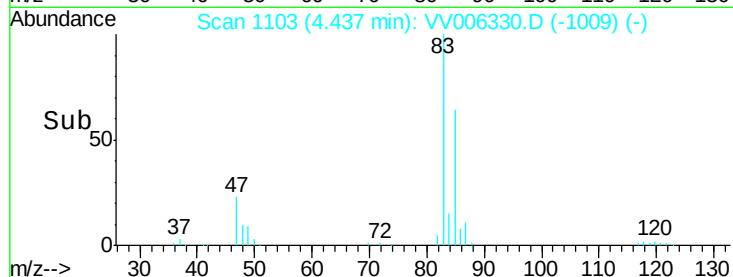
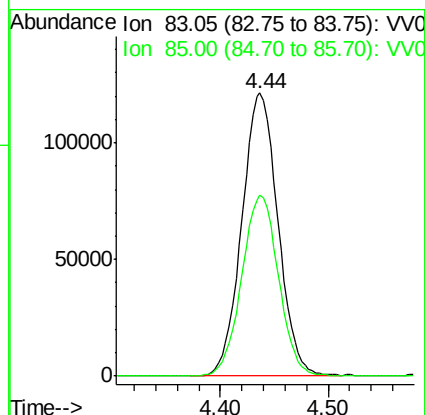
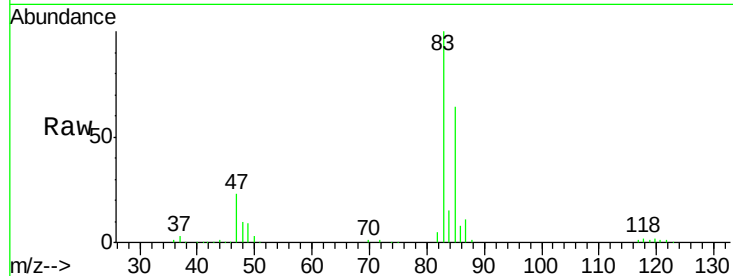
Instrument :
MSVOA_V
ClientSampleId :
ESWG2

Tot Ion: 83 Resp: 283076

Ion Ratio Lower Upper

83 100

85 63.9 46.2 85.8



#38

Bromodichloromethane

Concen: 1.773 ug/L

RT: 6.56 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VV006330.D

Acq: 16 Jun 2018 19:31

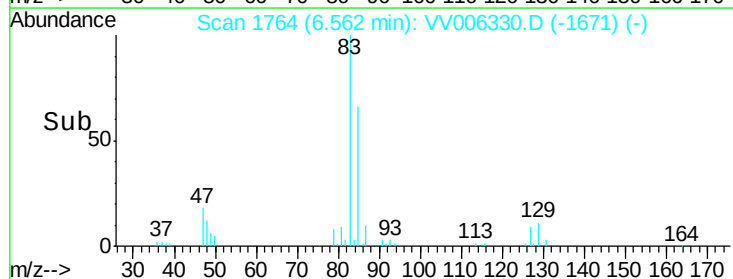
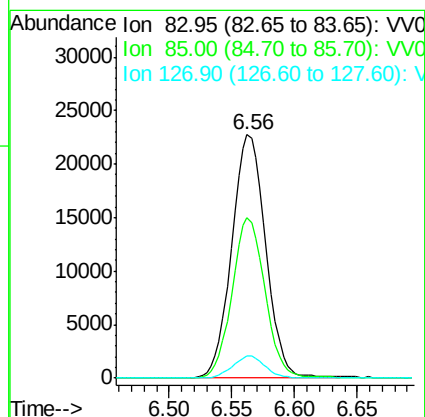
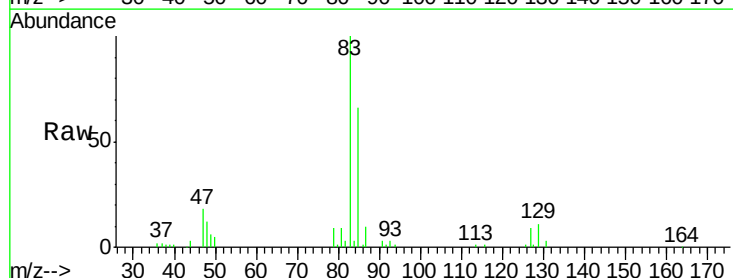
Tgt Ion: 83 Resp: 42806

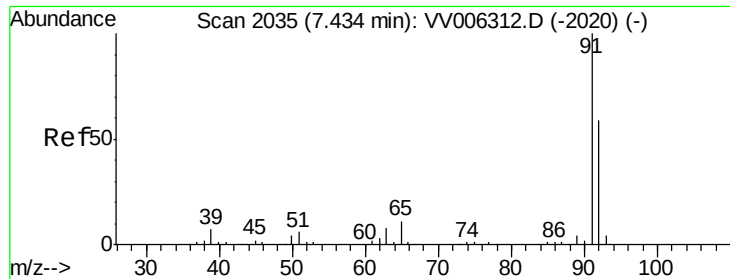
Ion Ratio Lower Upper

83 100

85 65.8 44.9 83.5

127 9.8 7.0 10.4





#42

Toluene

Concen: 0.338 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VV006330.D

Acq: 16 Jun 2018 19:31

Instrument :

MSVOA_V

ClientSampleId :

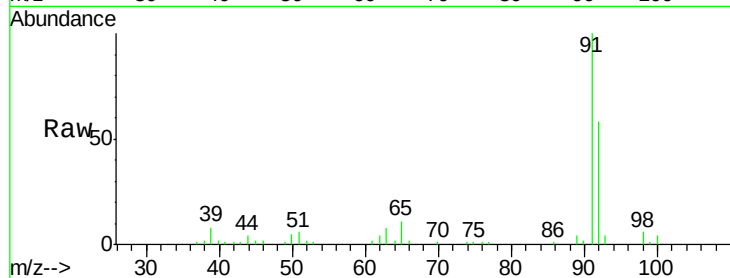
ESWG2

Tot Ion: 91 Resp: 28225

Ion Ratio Lower Upper

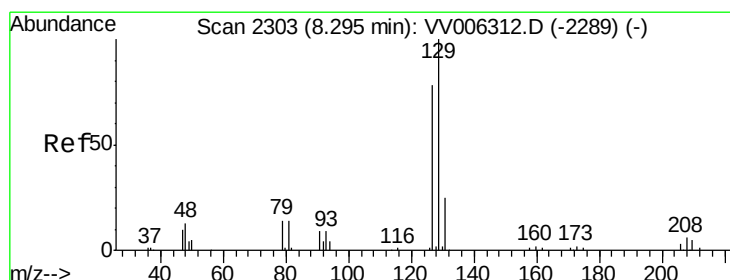
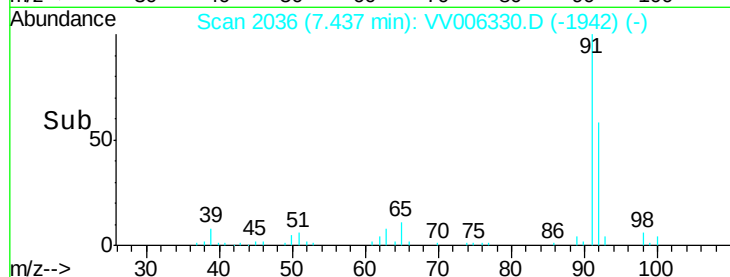
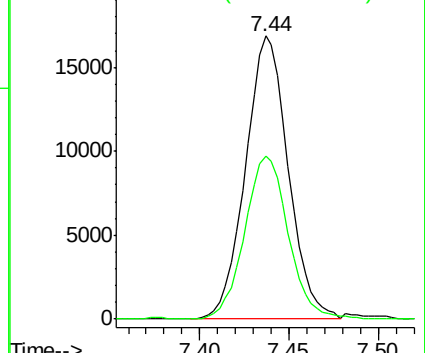
91 100

92 57.6 41.1 76.3



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0



#49

Dibromochloromethane

Concen: 0.420 ug/L

RT: 8.30 min Scan# 2304

Delta R.T. 0.00 min

Lab File: VV006330.D

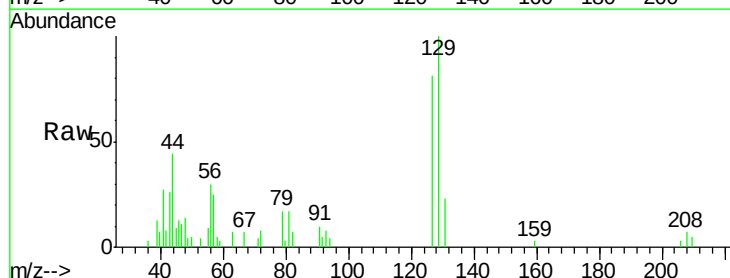
Acq: 16 Jun 2018 19:31

Tgt Ion: 129 Resp: 6786

Ion Ratio Lower Upper

129 100

127 80.7 55.2 102.4



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

