

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071918\
 Data File : VW004041.D
 Acq On : 19 Jul 2018 17:47
 Operator : VA/AP
 Sample : J4037-02
 Misc : 5.59G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BEY45

Quant Time: Jul 20 06:43:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 20 06:42:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	257840	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	242698	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	92539	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	58944	23.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.44%
7) Chloroethane-d5	2.89	69	44176	24.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.12%
10) 1,1-Dichloroethene-d2	4.00	63	101675	16.62	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.48%
20) 2-Butanone-d5	7.08	46	63167	42.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.48%
24) Chloroform-d	7.65	84	157698	25.77	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.08%
26) 1,2-Dichloroethane-d4	8.31	65	99173	26.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.64%
29) Benzene-d6	8.27	84	278364	24.73	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.92%
33) 1,2-Dichloropropane-d6	9.28	67	100183	26.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.72%
37) Toluene-d8	10.33	98	235794	23.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.24%
38) trans-1,3-Dichloropropene-	10.58	79	39425	23.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.56%
39) 2-Hexanone-d5	10.93	63	43986	43.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.04%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	108107	26.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.12%
61) 1,2-Dichlorobenzene-d4	13.87	152	82530	27.74	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.96%

Target Compounds

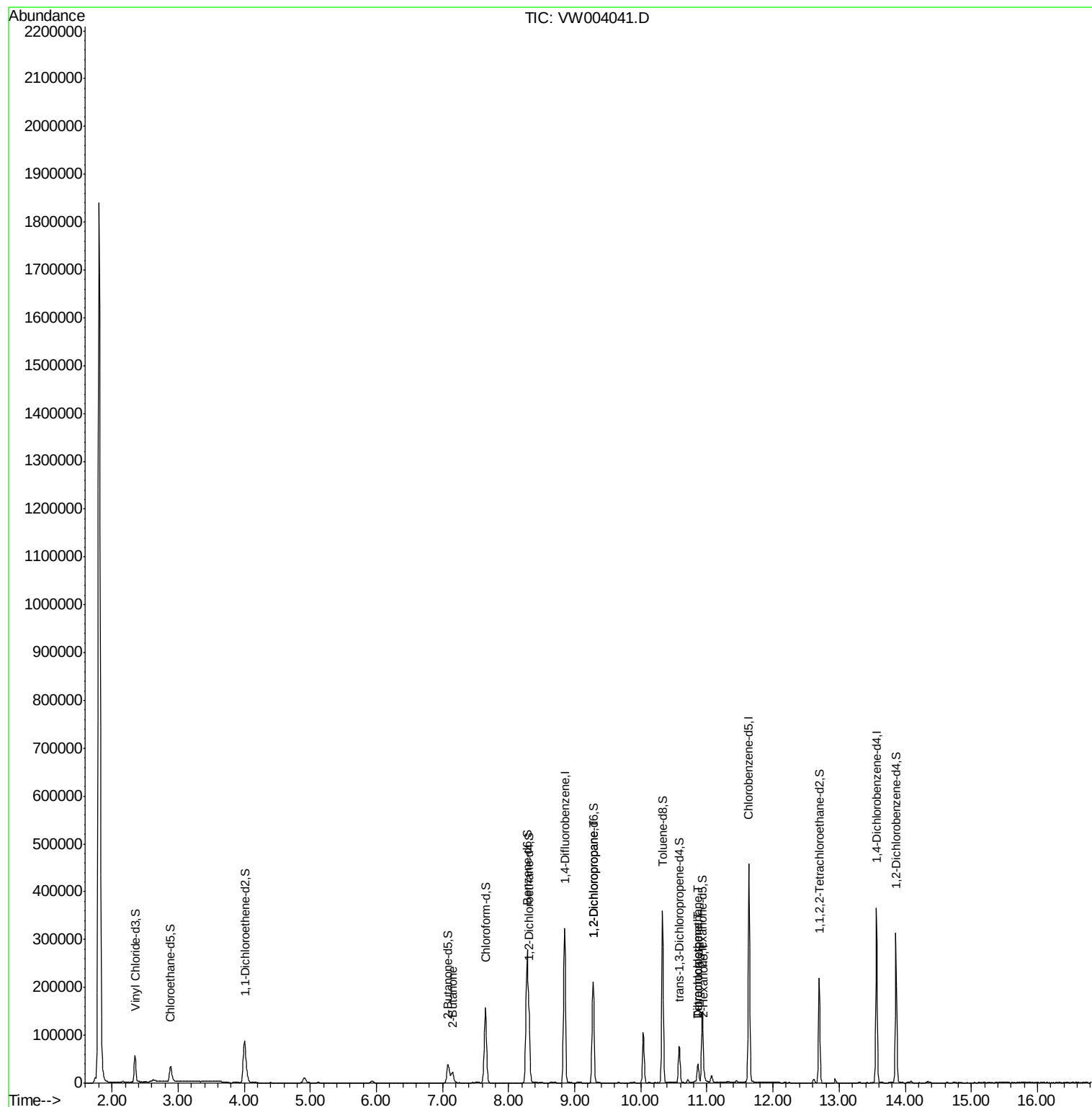
					Qvalue
21) 2-Butanone	7.14	43	9020	4.471 ug/L #	53
40) 1,2-Dichloropropane	9.27	63	11461	2.842 ug/L #	90
47) Tetrachloroethene	10.87	164	8781	2.735 ug/L	94
49) 2-Hexanone	10.96	43	7497	2.731 ug/L #	42
50) Dibromochloromethane	10.87	129	7859	2.238 ug/L #	9

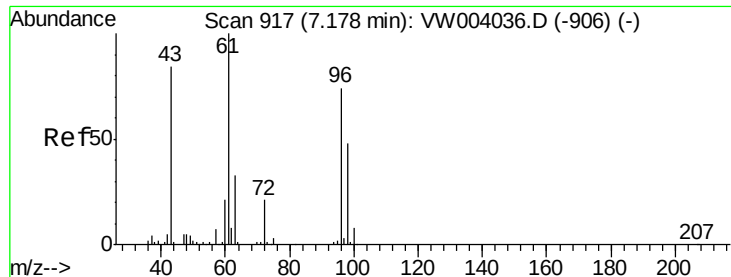
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW071918\
Data File : VW004041.D
Acq On : 19 Jul 2018 17:47
Operator : VA/AP
Sample : J4037-02
Misc : 5.59G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BEY45

Quant Time: Jul 20 06:43:39 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 20 06:42:37 2018
Response via : Initial Calibration





#21

2-Butanone

Concen: 4.471 ug/L

RT: 7.14 min Scan# 911

Delta R.T. -0.04 min

Lab File: VW004041.D

Acq: 19 Jul 2018 17:47

Instrument :

MSVOA_W

ClientSampled :

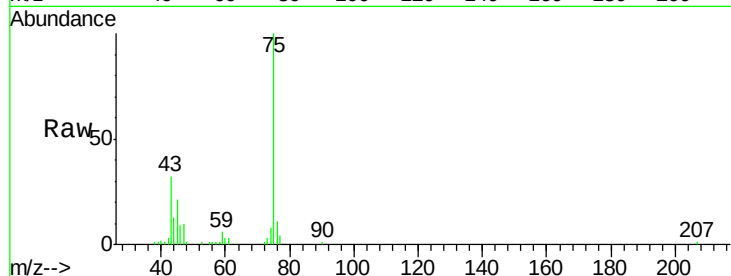
BEY45

Tgt Ion: 43 Resp: 9020

Ion Ratio Lower Upper

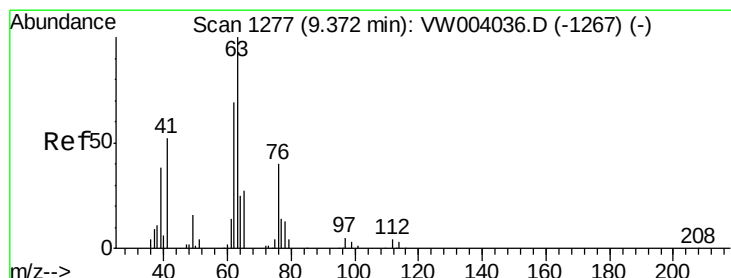
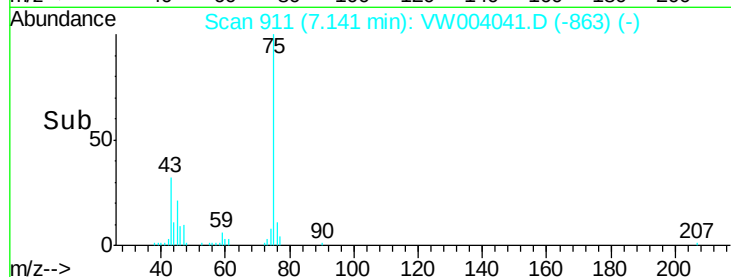
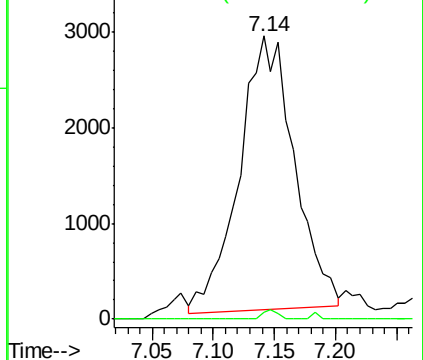
43 100

72 0.9 12.1 36.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#40

1,2-Dichloropropane

Concen: 2.842 ug/L

RT: 9.27 min Scan# 1261

Delta R.T. -0.10 min

Lab File: VW004041.D

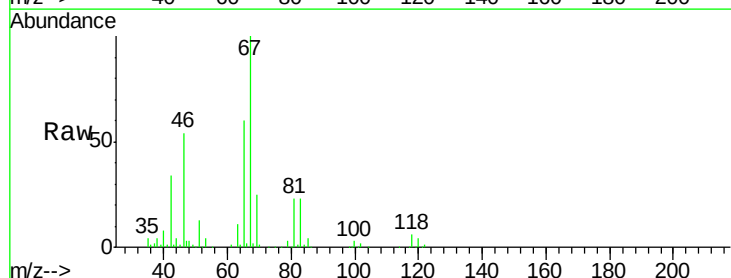
Acq: 19 Jul 2018 17:47

Tgt Ion: 63 Resp: 11461

Ion Ratio Lower Upper

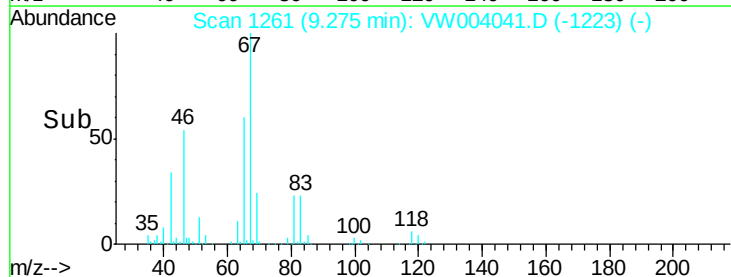
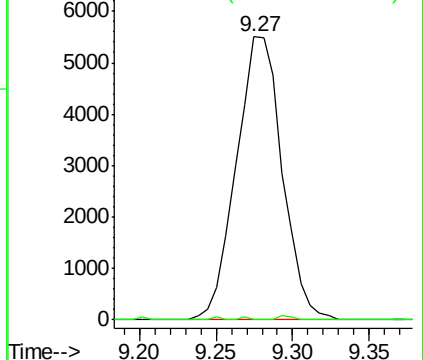
63 100

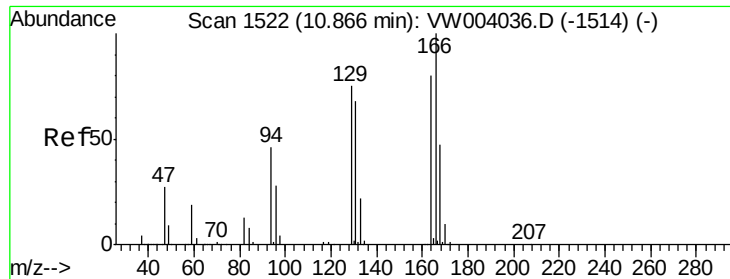
112 0.4 3.0 4.4#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V

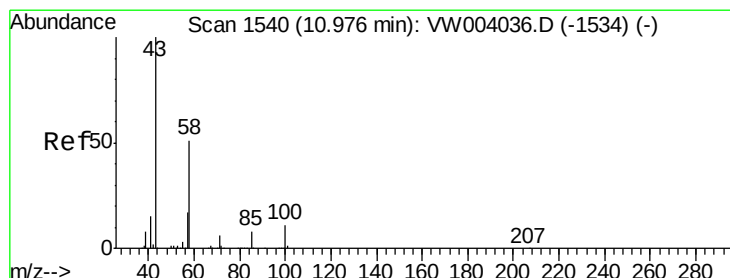
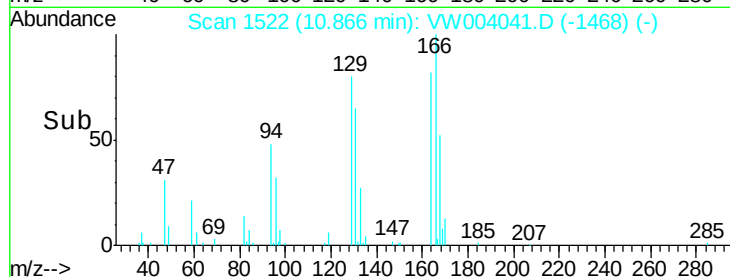
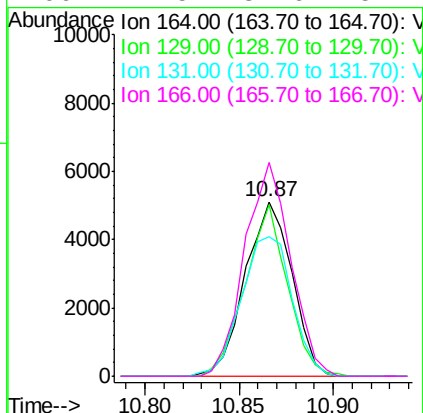
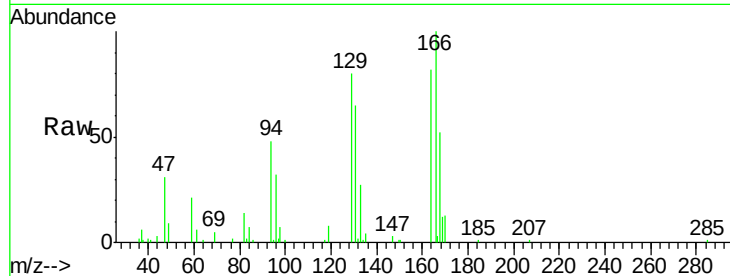




#47
Tetrachloroethene
Concen: 2.735 ug/L
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW004041.D
Acq: 19 Jul 2018 17:47

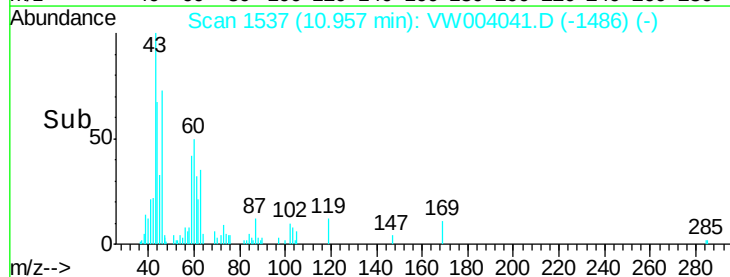
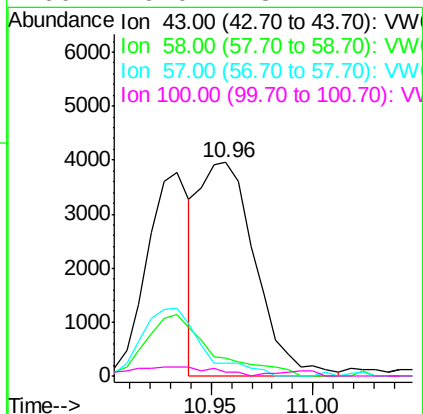
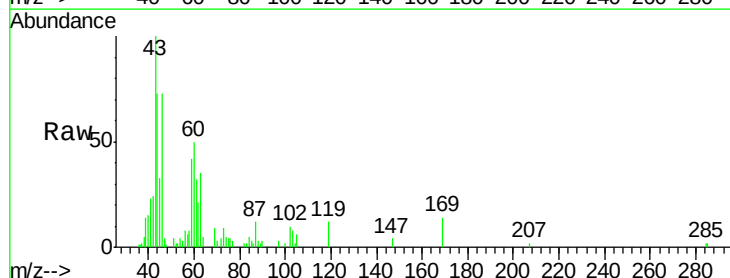
Instrument :
MSVOA_W
ClientSampleId :
BEY45

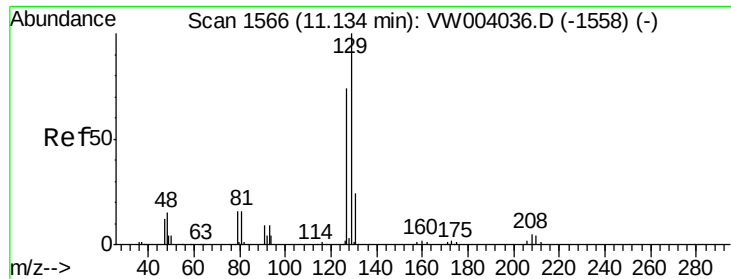
Tgt Ion:164 Resp: 8781
Ion Ratio Lower Upper
164 100
129 98.4 63.1 117.3
131 80.0 62.8 116.6
166 122.5 84.6 157.2



#49
2-Hexanone
Concen: 2.731 ug/L
RT: 10.96 min Scan# 1537
Delta R.T. -0.02 min
Lab File: VW004041.D
Acq: 19 Jul 2018 17:47

Tgt Ion: 43 Resp: 7497
Ion Ratio Lower Upper
43 100
58 0.0 40.4 60.6#
57 3.7 14.0 21.0#
100 0.0 8.2 12.2#

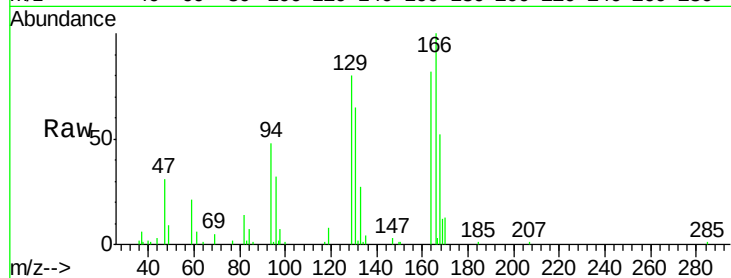




#50
 Dibromochloromethane
 Concen: 2.238 ug/L
 RT: 10.87 min Scan# 1522
 Delta R.T. -0.27 min
 Lab File: VW004041.D
 Acq: 19 Jul 2018 17:47

Instrument :
 MSVOA_W
 ClientSampleId :
 BEY45

Tgt Ion:129 Resp: 7859
 Ion Ratio Lower Upper
 129 100
 127 0.0 56.1 104.3#



Abundance Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V

