

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071918\
 Data File : VW004044.D
 Acq On : 19 Jul 2018 19:04
 Operator : VA/AP
 Sample : J4037-05
 Misc : 5.44G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BEY48

Quant Time: Jul 20 06:43:53 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

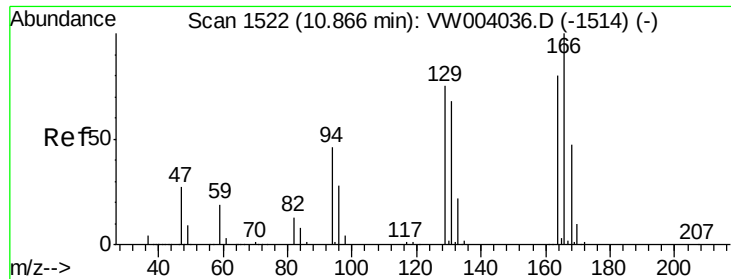
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	265505	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	195175	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	41288	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	63114	24.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.12%
7) Chloroethane-d5	2.89	69	48996	25.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.52%
10) 1,1-Dichloroethene-d2	4.01	63	100762	15.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.96%
20) 2-Butanone-d5	7.08	46	65816	42.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.48%
24) Chloroform-d	7.65	84	168909	26.80	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.20%
26) 1,2-Dichloroethane-d4	8.31	65	101303	26.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.76%
29) Benzene-d6	8.28	84	299738	33.11	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	132.44%
33) 1,2-Dichloropropane-d6	9.28	67	112412	37.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	148.92%#
37) Toluene-d8	10.33	98	224885	27.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	110.56%
38) trans-1,3-Dichloropropene-	10.59	79	28603	21.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.24%
39) 2-Hexanone-d5	10.93	63	40511	49.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.68%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	93892	28.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.52%
61) 1,2-Dichlorobenzene-d4	13.87	152	48794	36.75	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	147.00%#

Target Compounds					Qvalue
47) Tetrachloroethene	10.87	164	12024	4.657 ug/L	89
49) 2-Hexanone	10.93	43	7205	3.264 ug/L #	68
50) Dibromochloromethane	10.87	129	10761	3.811 ug/L #	9

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



#47

Tetrachloroethene

Concen: 4.657 ug/L

RT: 10.87 min Scan# 1522

Delta R.T. 0.00 min

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Tgt Ion:164 Resp: 12024

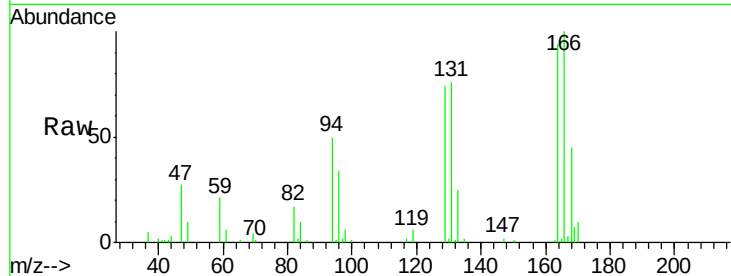
Ion Ratio Lower Upper

164 100

129 79.0 63.1 117.3

131 80.8 62.8 116.6

166 106.7 84.6 157.2

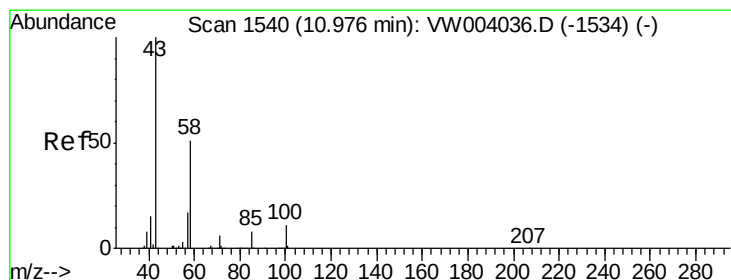
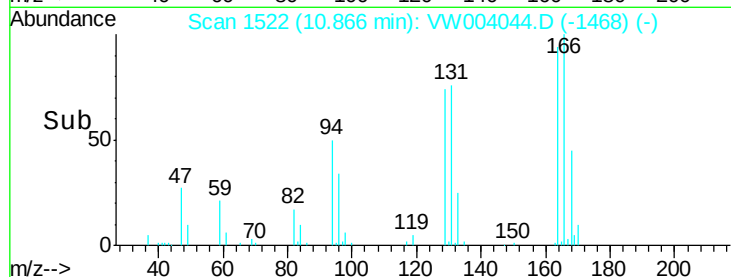
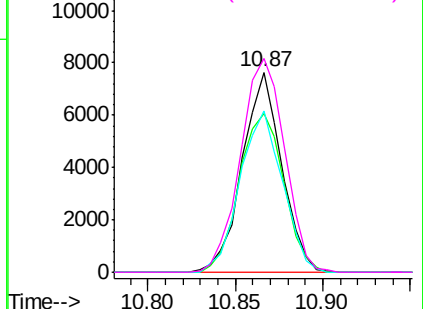


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#49

2-Hexanone

Concen: 3.264 ug/L

RT: 10.93 min Scan# 1533

Delta R.T. -0.04 min

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Tgt Ion: 43 Resp: 7205

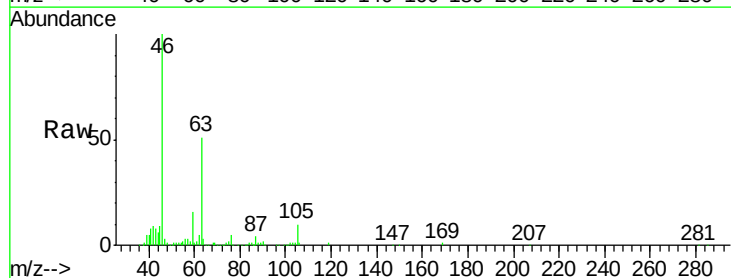
Ion Ratio Lower Upper

43 100

58 30.4 40.4 60.6#

57 38.1 14.0 21.0#

100 2.9 8.2 12.2#

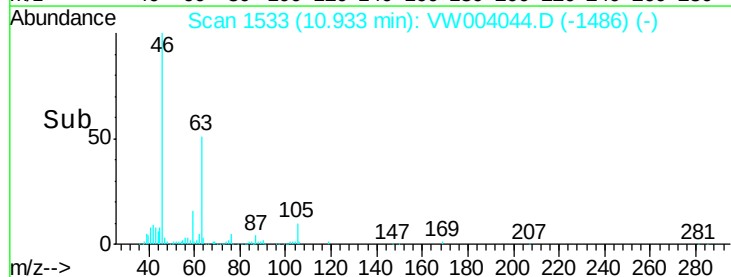
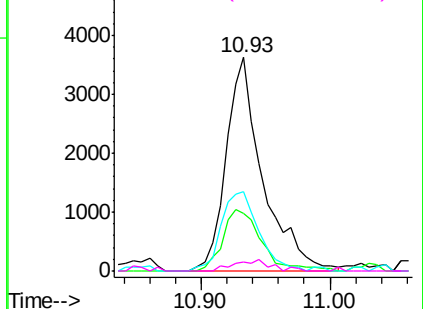


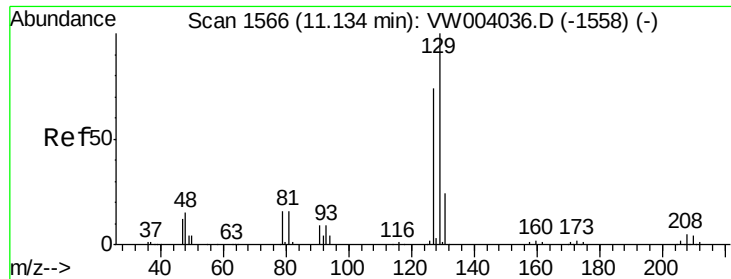
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 58.00 (57.70 to 58.70): VV

Ion 57.00 (56.70 to 57.70): VV

Ion 100.00 (99.70 to 100.70): VV





#50

Dibromochloromethane

Concen: 3.811 ug/L

RT: 10.87 min Scan# 1522

Delta R.T. -0.27 min

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ClientSampleId :

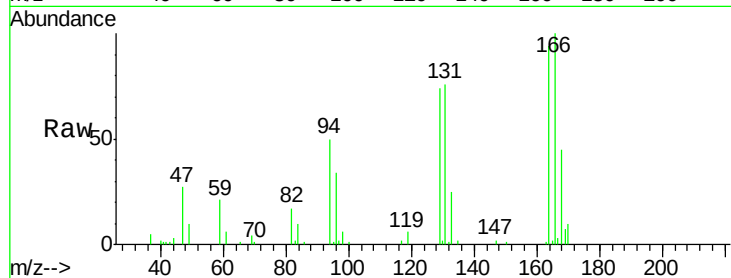
BEY48

Tgt Ion:129 Resp: 10761

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

