

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072918\
 Data File : VW004270.D
 Acq On : 27 Jul 2018 14:13
 Operator : SY/AP
 Sample : J4169-01
 Misc : 4.50G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BEY56

Quant Time: Jul 27 23:17:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072618S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 27 23:17:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	348871	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	316313	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	124121	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	87121	24.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.20%
7) Chloroethane-d5	2.89	69	64108	25.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.40%
10) 1,1-Dichloroethene-d2	4.00	63	154065	18.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.52%
20) 2-Butanone-d5	7.08	46	88288	44.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.80%
24) Chloroform-d	7.65	84	205531	23.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.04%
26) 1,2-Dichloroethane-d4	8.31	65	124127	23.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.40%
29) Benzene-d6	8.28	84	411945	24.57	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.28%
33) 1,2-Dichloropropane-d6	9.27	67	137400	24.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.56%
37) Toluene-d8	10.33	98	374020	23.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.40%
38) trans-1,3-Dichloropropene-	10.58	79	58150	22.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.92%
39) 2-Hexanone-d5	10.93	63	66364	45.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.58%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	128564	22.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.32%
61) 1,2-Dichlorobenzene-d4	13.86	152	115117	24.81	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.24%

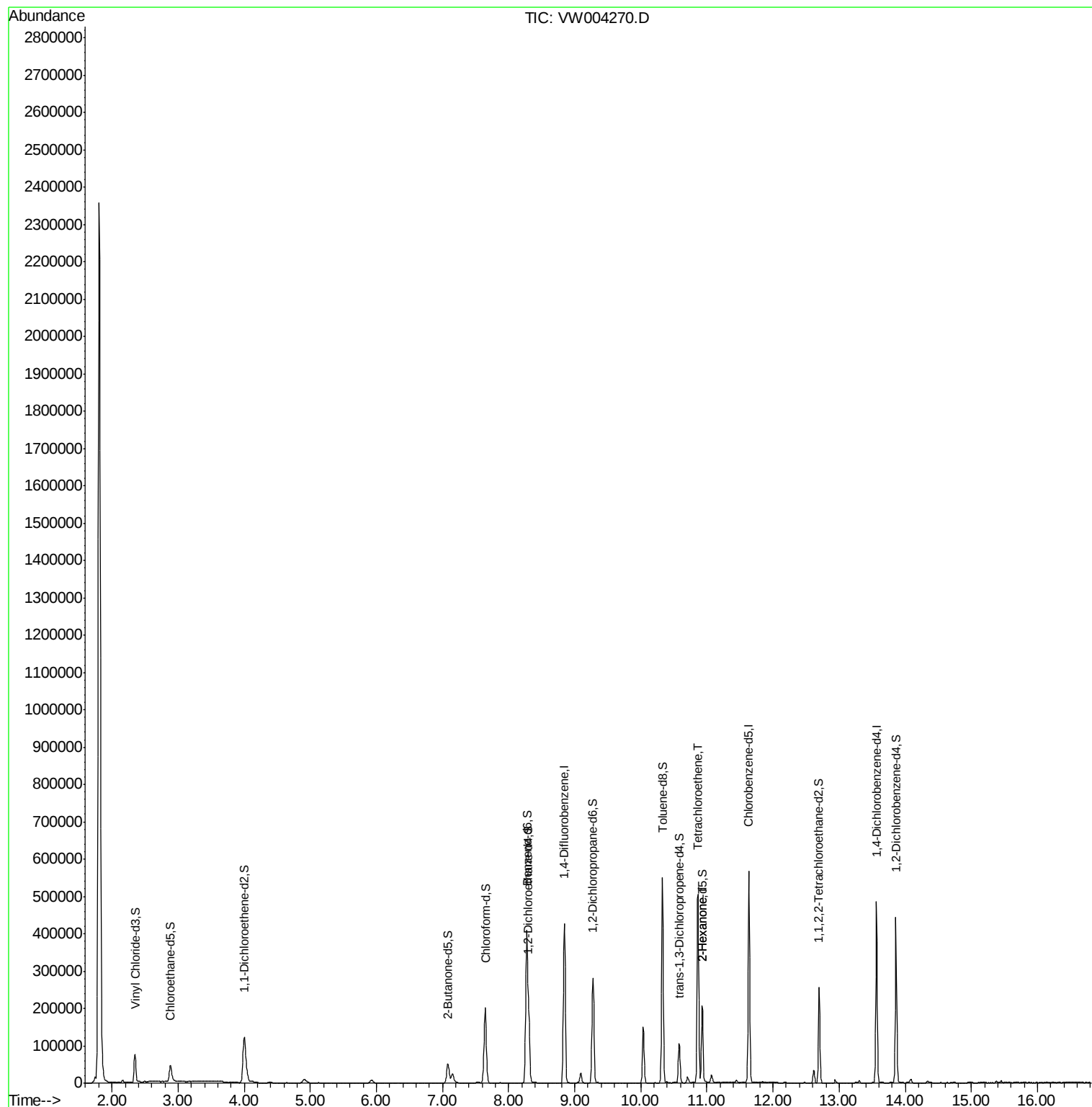
Target Compounds					Qvalue
47) Tetrachloroethene	10.87	164	117049	30.587 ug/L	98
49) 2-Hexanone	10.93	43	8483	2.461 ug/L #	72

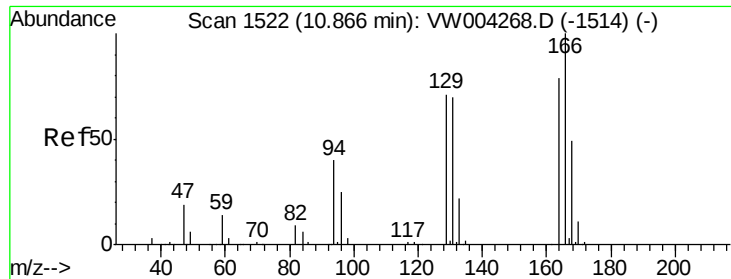
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#47

Tetrachloroethene

Concen: 30.587 ug/L

RT: 10.87 min Scan# 1522

Delta R.T. 0.00 min

Lab File: VW004270.D

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Instrument :

MSVOA_W

ClientSampleId :

BEY56

Tgt Ion:164 Resp: 117049

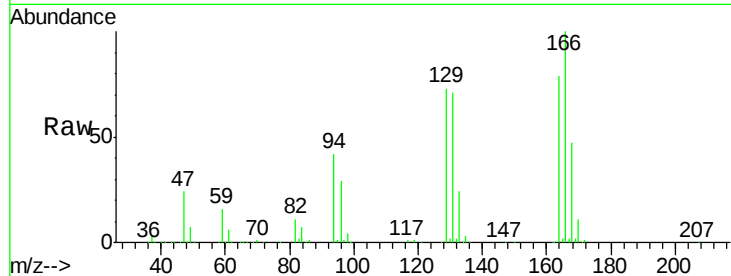
Ion Ratio Lower Upper

164 100

129 93.4 63.4 117.8

131 90.8 63.1 117.1

166 127.1 87.5 162.5

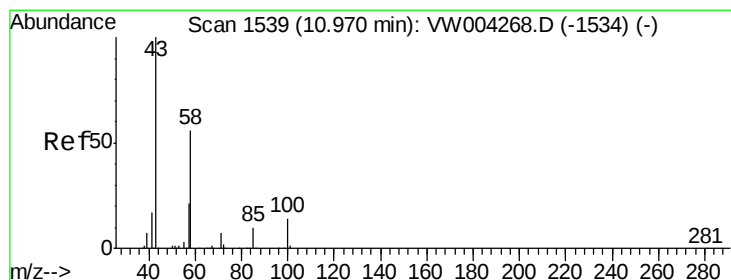
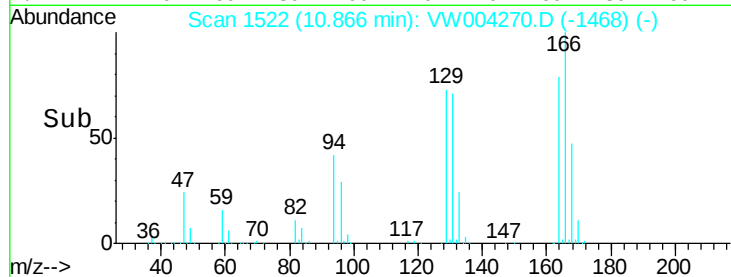
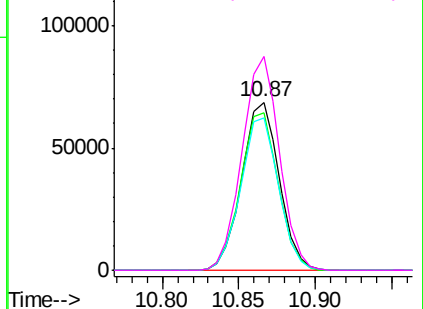


Abundance Ion 164.00 (163.70 to 164.70): V

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: 2.461 ug/L

RT: 10.93 min Scan# 1532

Delta R.T. -0.04 min

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Tgt Ion: 43 Resp: 8483

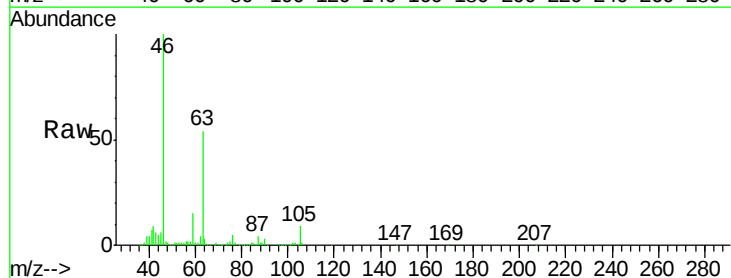
Ion Ratio Lower Upper

43 100

58 29.9 39.8 59.8#

57 30.8 13.9 20.9#

100 2.8 8.0 12.0#



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

