

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071918\
 Data File : VW004062.D
 Acq On : 20 Jul 2018 03:52
 Operator : VA/AP
 Sample : J4023-13
 Misc : 8.09G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB1L7

Quant Time: Jul 20 07:23:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 20 07:22:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	305146	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	298626	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	123249	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	57749	19.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.52%
7) Chloroethane-d5	2.89	69	49626	22.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.24%
10) 1,1-Dichloroethene-d2	4.01	63	117001	16.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.64%
20) 2-Butanone-d5	7.09	46	60815	34.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.72%
24) Chloroform-d	7.65	84	194982	26.92	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.68%
26) 1,2-Dichloroethane-d4	8.31	65	114548	26.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.04%
29) Benzene-d6	8.28	84	334925	24.18	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.72%
33) 1,2-Dichloropropane-d6	9.28	67	123427	26.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.84%
37) Toluene-d8	10.33	98	294751	23.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.72%
38) trans-1,3-Dichloropropene-	10.59	79	45145	22.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.96%
39) 2-Hexanone-d5	10.93	63	39020	31.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.76%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	111741	22.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.32%
61) 1,2-Dichlorobenzene-d4	13.86	152	113415	28.62	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	114.48%

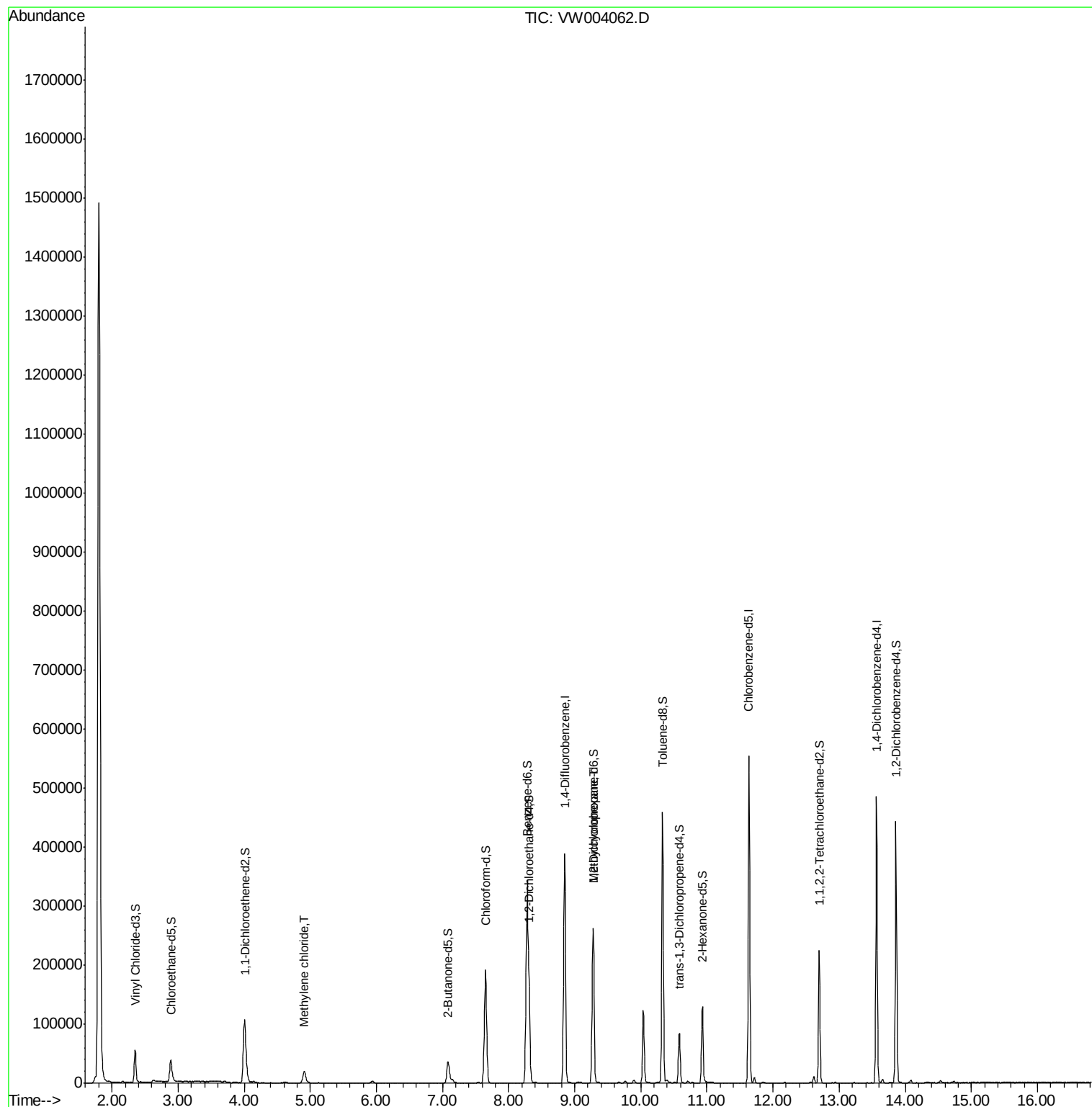
Target Compounds					Qvalue
16) Methylene chloride	4.91	84	14668	2.506 ug/L	93
36) Methylcyclohexane	9.27	83	28444	3.514 ug/L #	17

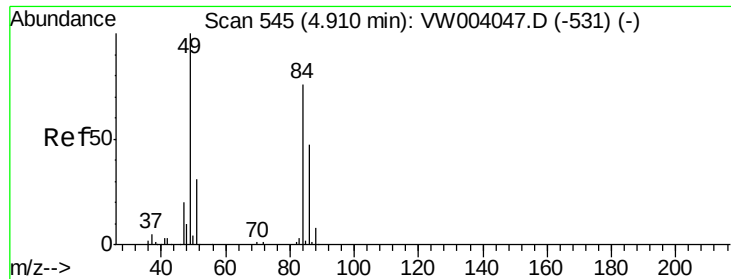
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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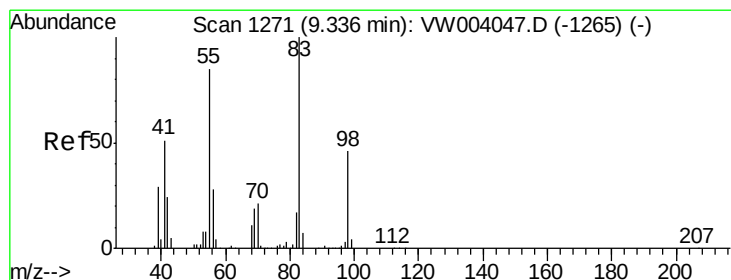
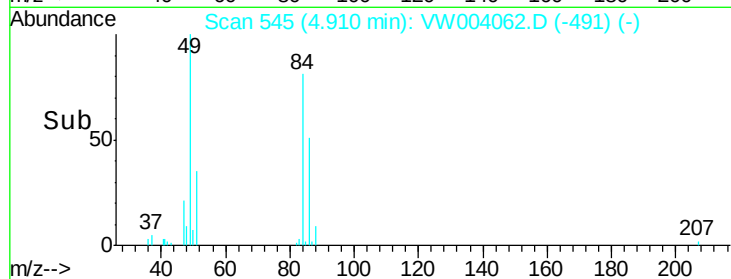
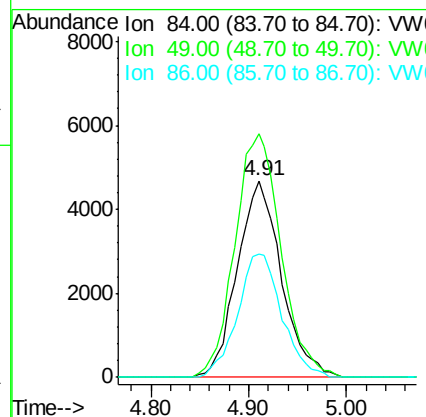
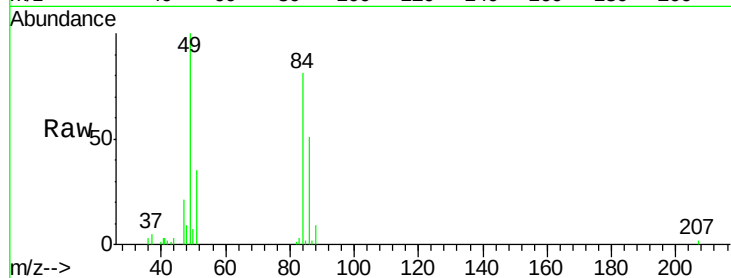




#16
Methylene chloride
Concen: 2.506 ug/L
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW004062.D
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Tgt Ion: 84 Resp: 14668
Ion Ratio Lower Upper
84 100
49 123.8 94.2 175.0
86 62.7 45.1 83.9



#36
Methylcyclohexane
Concen: 3.514 ug/L
RT: 9.27 min Scan# 1261
Delta R.T. -0.06 min
Lab File: VW004062.D
Acq: 20 Jul 2018 03:52

Tgt Ion: 83 Resp: 28444
Ion Ratio Lower Upper
83 100
55 0.3 65.8 98.6#
98 1.1 37.0 55.6#

