

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072118\
 Data File : VW004116.D
 Acq On : 21 Jul 2018 15:50
 Operator : SY/AP
 Sample : J4038-19
 Misc : 5.70G/10ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB1N6

Quant Time: Jul 23 00:05:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 21 06:22:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	330064	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	358603	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	166314	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	50512	15.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.88%
7) Chloroethane-d5	2.89	69	38737	16.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.84%
10) 1,1-Dichloroethene-d2	4.00	63	92811	11.85	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	47.40%
20) 2-Butanone-d5	7.08	46	85814	44.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.64%
24) Chloroform-d	7.65	84	157978	20.17	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.68%
26) 1,2-Dichloroethane-d4	8.31	65	104399	22.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.52%
29) Benzene-d6	8.28	84	270535	16.27	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	65.08%
33) 1,2-Dichloropropane-d6	9.28	67	101677	18.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	73.32%
37) Toluene-d8	10.33	98	232106	15.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	62.12%
38) trans-1,3-Dichloropropene-	10.59	79	42738	17.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.12%
39) 2-Hexanone-d5	10.93	63	58243	39.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.00%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	120852	19.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.52%
61) 1,2-Dichlorobenzene-d4	13.86	152	110230	20.61	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.44%

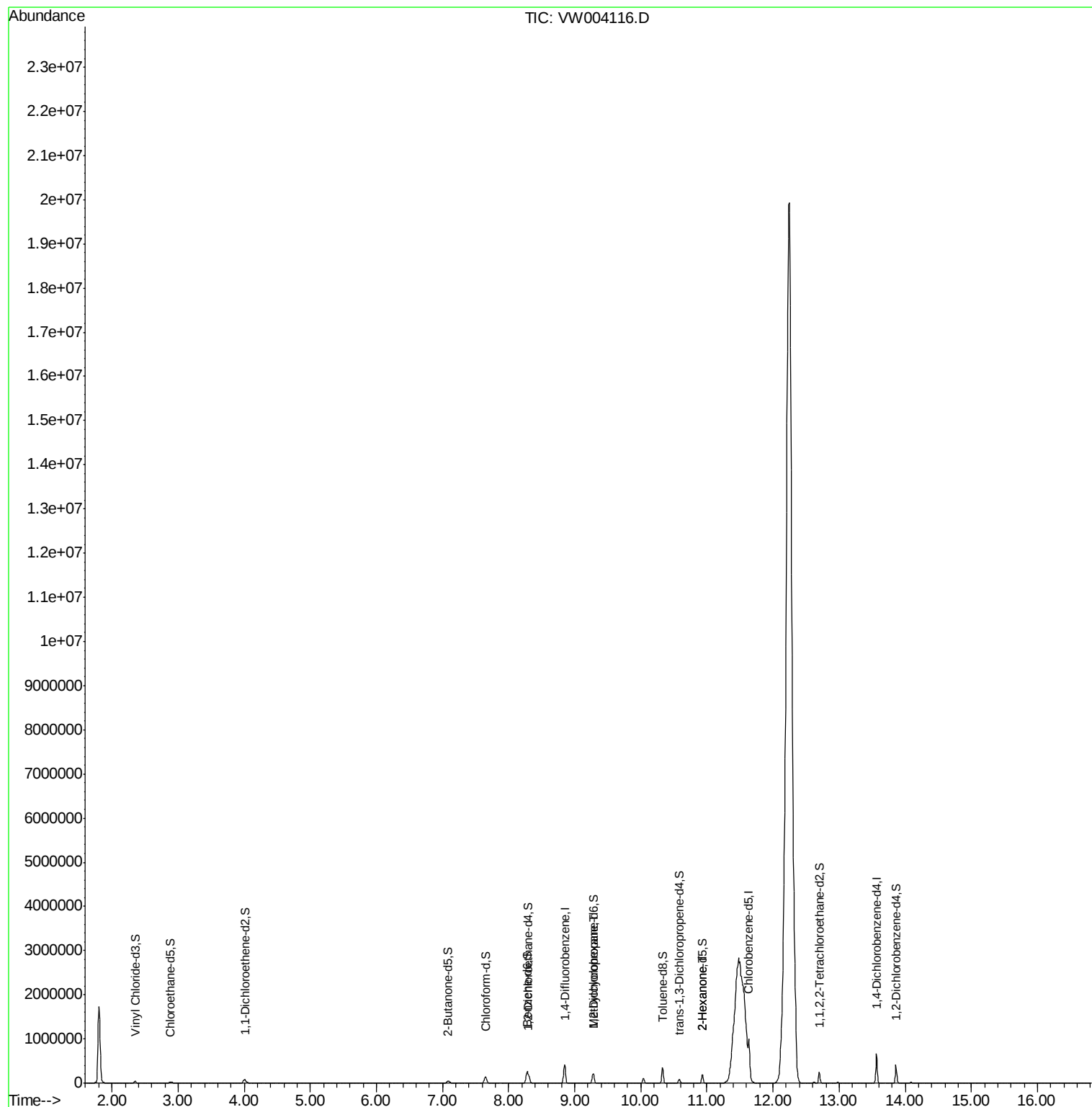
Target Compounds					Qvalue
36) Methylcyclohexane	9.27	83	23698	2.438 ug/L #	18
49) 2-Hexanone	10.93	43	8296	2.046 ug/L #	70

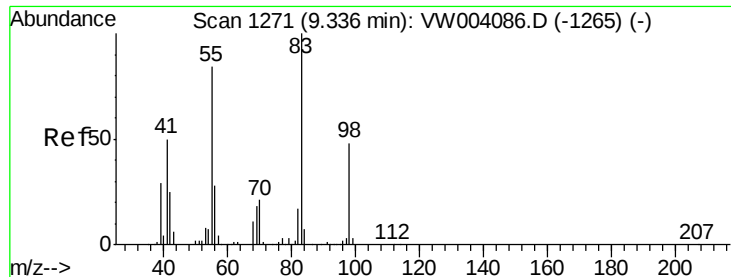
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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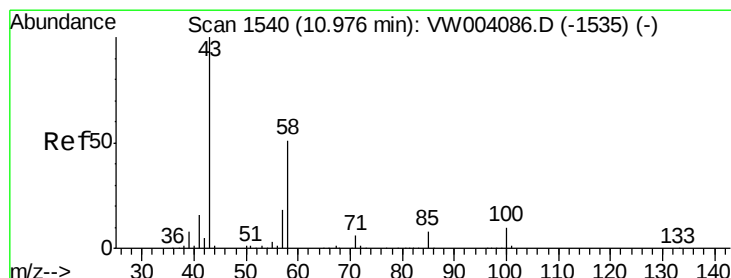
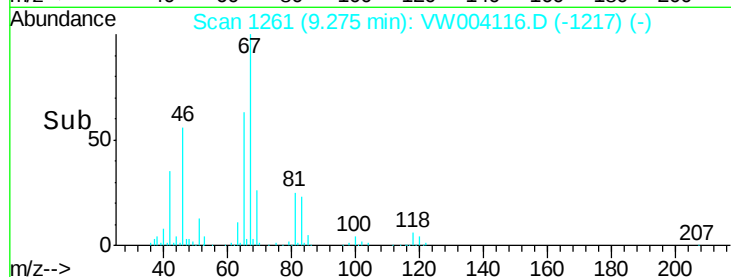
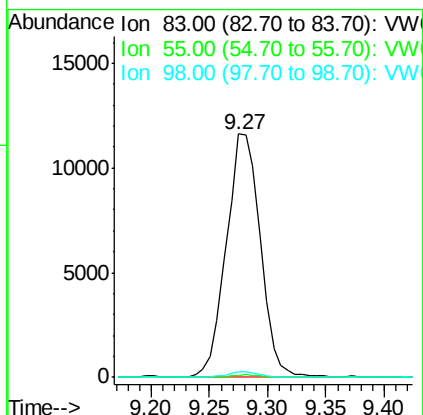
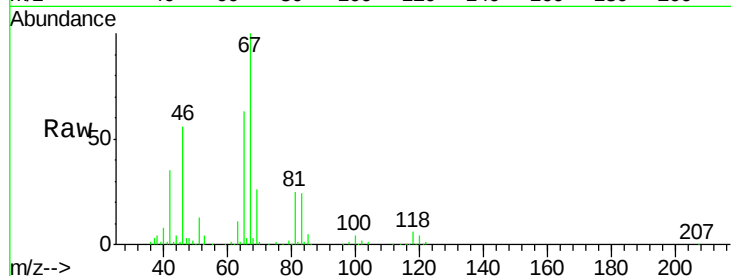




#36
Methylcyclohexane
Concen: 2.438 ug/L
RT: 9.27 min Scan# 1261
Delta R.T. -0.06 min
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Tgt Ion: 83 Resp: 23698
Ion Ratio Lower Upper
83 100
55 0.7 65.8 98.6#
98 2.0 37.0 55.6#



#49
2-Hexanone
Concen: 2.046 ug/L
RT: 10.93 min Scan# 1533
Delta R.T. -0.04 min
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Tgt Ion: 43 Resp: 8296
Ion Ratio Lower Upper
43 100
58 30.7 40.4 60.6#
57 34.5 14.0 21.0#
100 3.4 8.2 12.2#

