

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120718\
 Data File : VW007344.D
 Acq On : 08 Dec 2018 09:03
 Operator : SY/AP
 Sample : J6270-13
 Misc : 6.06G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F9E12

Quant Time: Dec 10 06:58:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 10 05:52:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	126178	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	101915	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	35418	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	28551	34.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	138.96%
7) Chloroethane-d5	2.90	69	21081	30.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	121.16%
10) 1,1-Dichloroethene-d2	4.01	63	65306	23.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.16%
20) 2-Butanone-d5	7.07	46	10789	20.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	41.66%
24) Chloroform-d	7.65	84	88216	29.64	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	118.56%
26) 1,2-Dichloroethane-d4	8.31	65	53881	31.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	127.24%
29) Benzene-d6	8.27	84	174352	31.50	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	126.00%
33) 1,2-Dichloropropane-d6	9.27	67	50742	32.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	128.48%#
37) Toluene-d8	10.32	98	156713	30.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	120.80%
38) trans-1,3-Dichloropropene-	10.58	79	16157	20.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.04%
39) 2-Hexanone-d5	10.93	63	7969	20.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	41.92%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	35368	24.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.28%
61) 1,2-Dichlorobenzene-d4	13.86	152	37309	29.94	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	119.76%

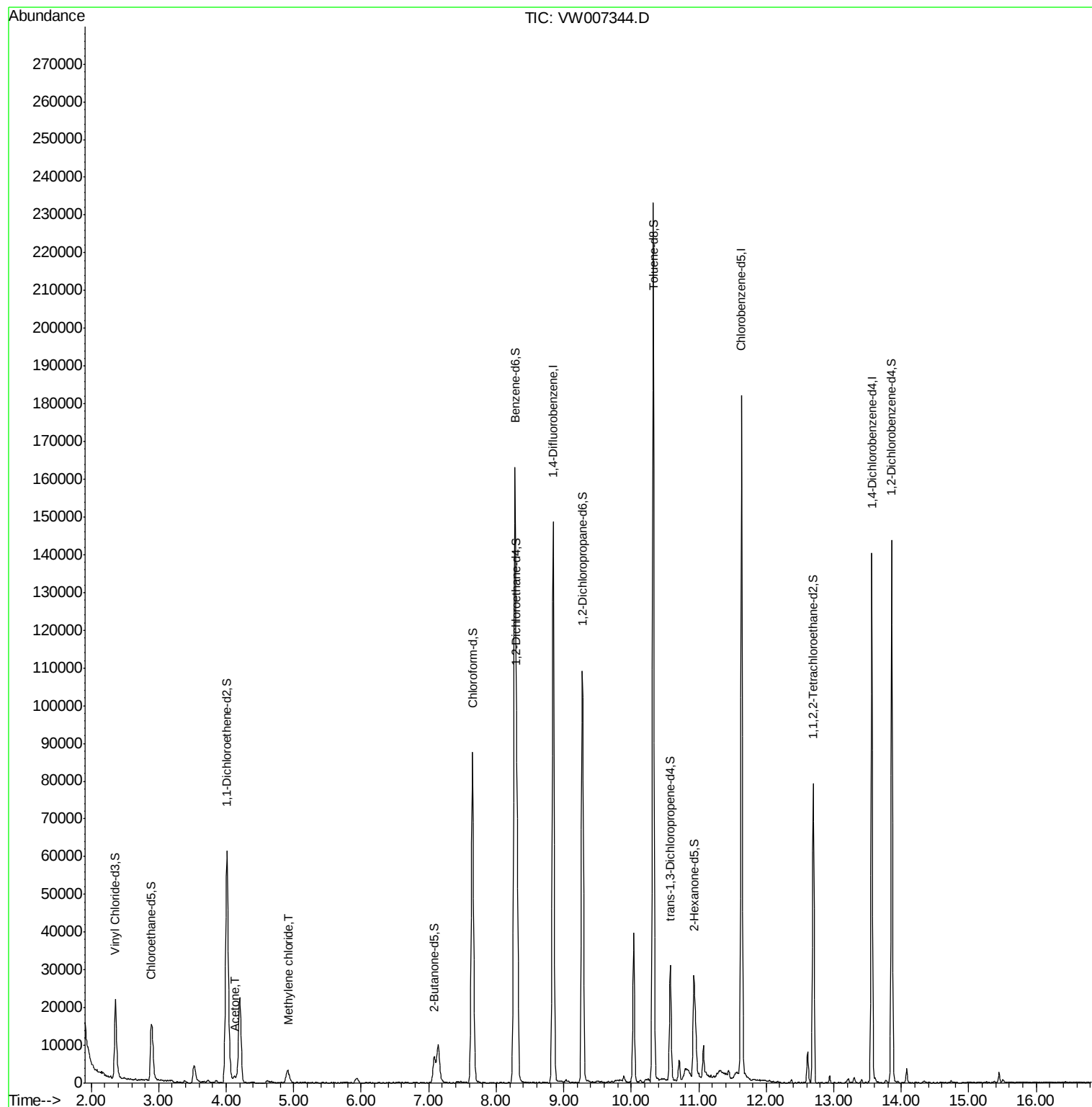
Target Compounds					Qvalue
13) Acetone	4.12	43	2353	3.906 ug/L	91
16) Methylene chloride	4.92	84	2967	1.455 ug/L	84

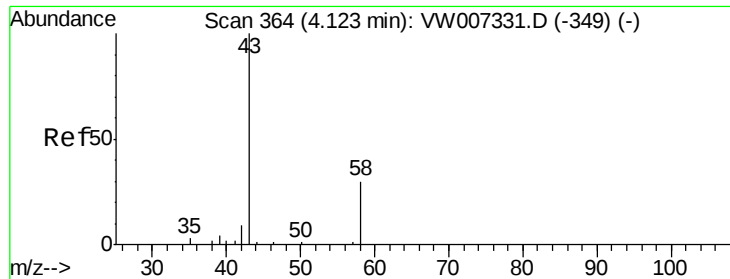
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.906 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

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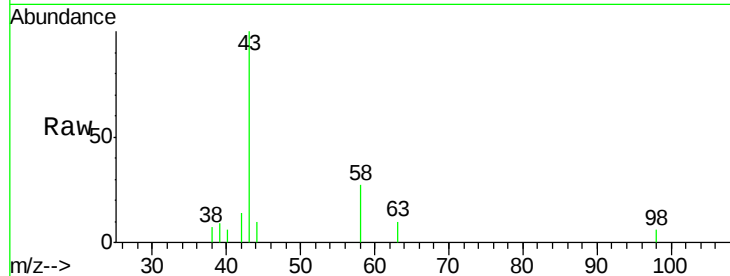
F9E12

Tgt Ion: 43 Resp: 2353

Ion Ratio Lower Upper

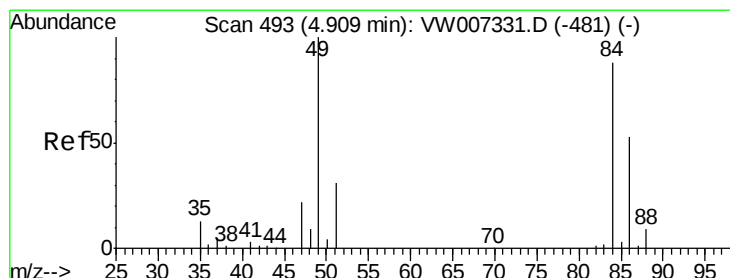
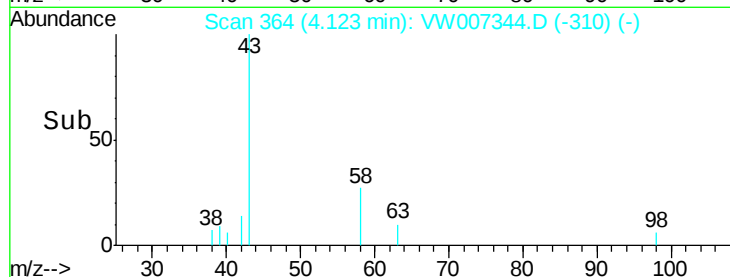
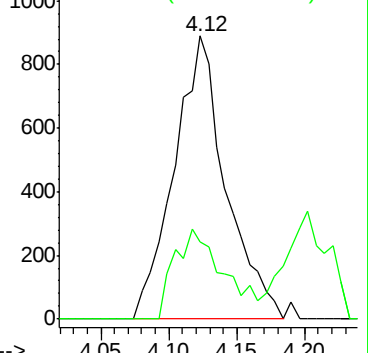
43 100

58 24.7 0.0 59.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.455 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

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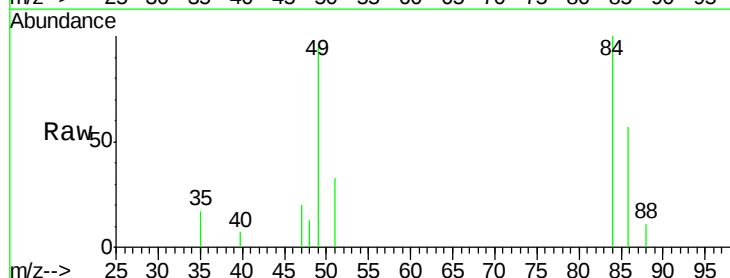
Tgt Ion: 84 Resp: 2967

Ion Ratio Lower Upper

84 100

49 94.5 80.8 150.2

86 56.9 45.8 85.2



Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

