

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032819\
 Data File : VW009539.D
 Acq On : 28 Mar 2019 15:41
 Operator : SY/VA
 Sample : K2084-07
 Misc : 5.03G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF7X5

Quant Time: Mar 29 07:05:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 29 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	403705	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	412271	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	177283	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	160181	33.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	132.80%
7) Chloroethane-d5	2.89	69	144319	25.57	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.28%
10) 1,1-Dichloroethene-d2	4.01	63	237646	22.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.16%
20) 2-Butanone-d5	7.08	46	84892	42.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.10%
24) Chloroform-d	7.65	84	286293	25.99	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.96%
26) 1,2-Dichloroethane-d4	8.30	65	174967	26.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.44%
29) Benzene-d6	8.27	84	549673	24.18	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.72%
33) 1,2-Dichloropropane-d6	9.27	67	165770	24.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.08%
37) Toluene-d8	10.32	98	502064	23.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.52%
38) trans-1,3-Dichloropropene-	10.57	79	73921	21.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.20%
39) 2-Hexanone-d5	10.93	63	54710	33.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	144404	21.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.88%
61) 1,2-Dichlorobenzene-d4	13.86	152	169637	24.95	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.80%

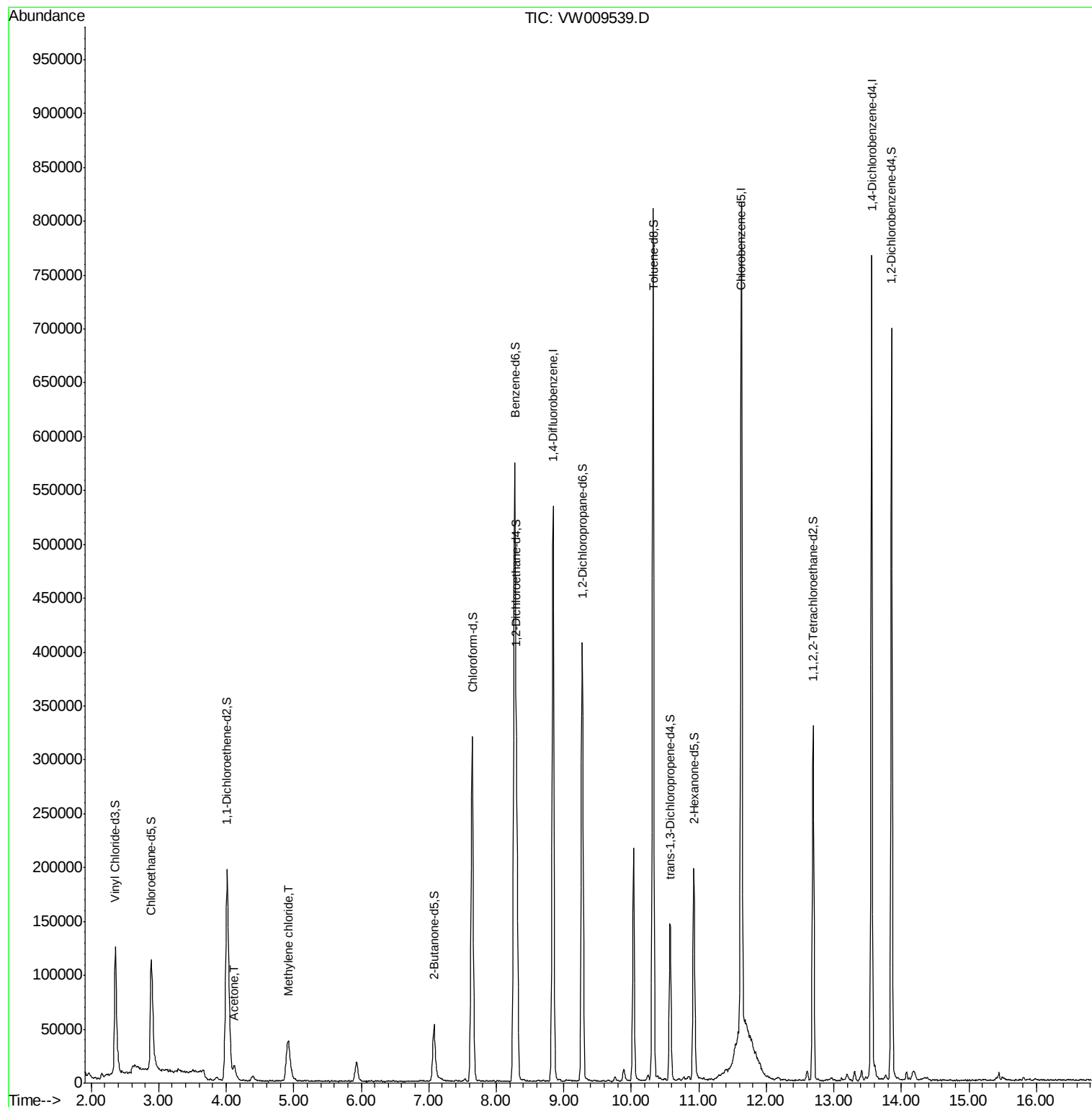
Target Compounds					Qvalue
13) Acetone	4.12	43	18147	11.092 ug/L	73
16) Methylene chloride	4.92	84	35259	5.989 ug/L	93

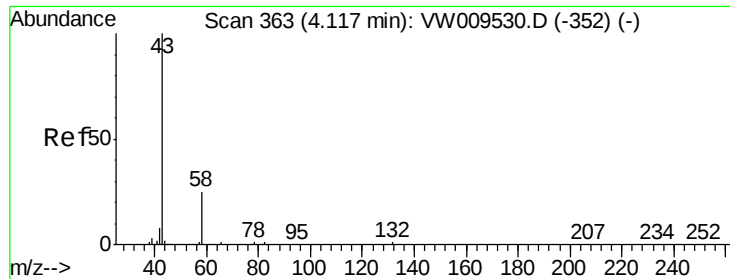
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 11.092 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

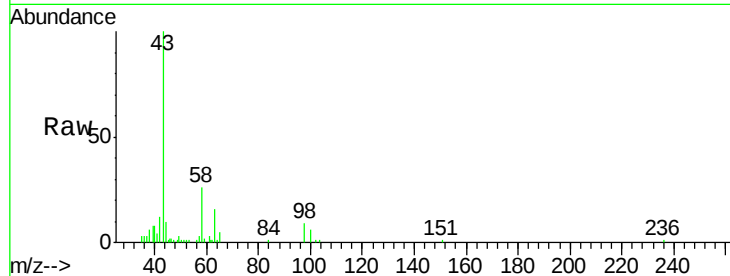
BF7X5

Tgt Ion: 43 Resp: 18147

Ion Ratio Lower Upper

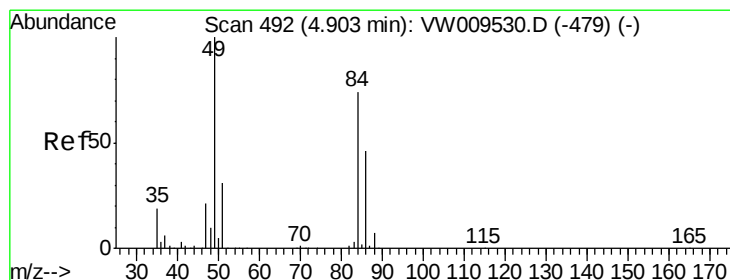
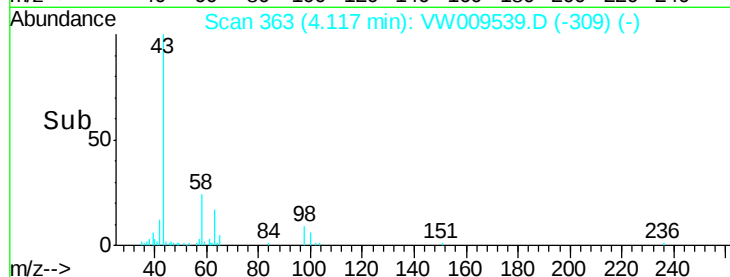
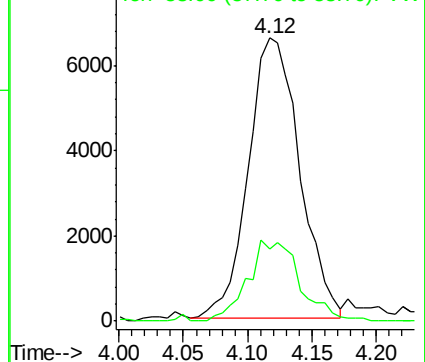
43 100

58 13.7 0.0 56.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 5.989 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.02 min

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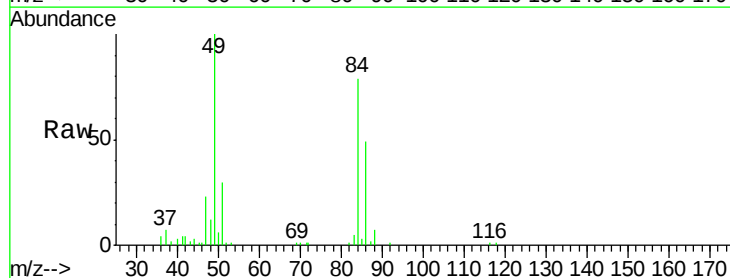
Tgt Ion: 84 Resp: 35259

Ion Ratio Lower Upper

84 100

49 126.0 96.0 178.2

86 61.7 44.4 82.5



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

