

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032719\
 Data File : VW009506.D
 Acq On : 27 Mar 2019 16:40
 Operator : SY/VA
 Sample : K2065-16
 Misc : 5.35G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5P8

Quant Time: Mar 28 07:07:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 28 04:55:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	369766	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	342870	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	142892	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	82010	18.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.24%
7) Chloroethane-d5	2.89	69	96967	18.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.00%
10) 1,1-Dichloroethene-d2	4.01	63	137758	14.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.68%
20) 2-Butanone-d5	7.07	46	77089	42.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.38%
24) Chloroform-d	7.64	84	230995	22.89	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.56%
26) 1,2-Dichloroethane-d4	8.31	65	137300	22.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.36%
29) Benzene-d6	8.27	84	395530	20.92	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.68%
33) 1,2-Dichloropropane-d6	9.27	67	130054	22.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.60%
37) Toluene-d8	10.32	98	332381	19.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.04%
38) trans-1,3-Dichloropropene-	10.58	79	52860	18.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.12%
39) 2-Hexanone-d5	10.93	63	54348	39.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.02%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	119675	21.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.60%
61) 1,2-Dichlorobenzene-d4	13.86	152	116958	21.35	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.40%

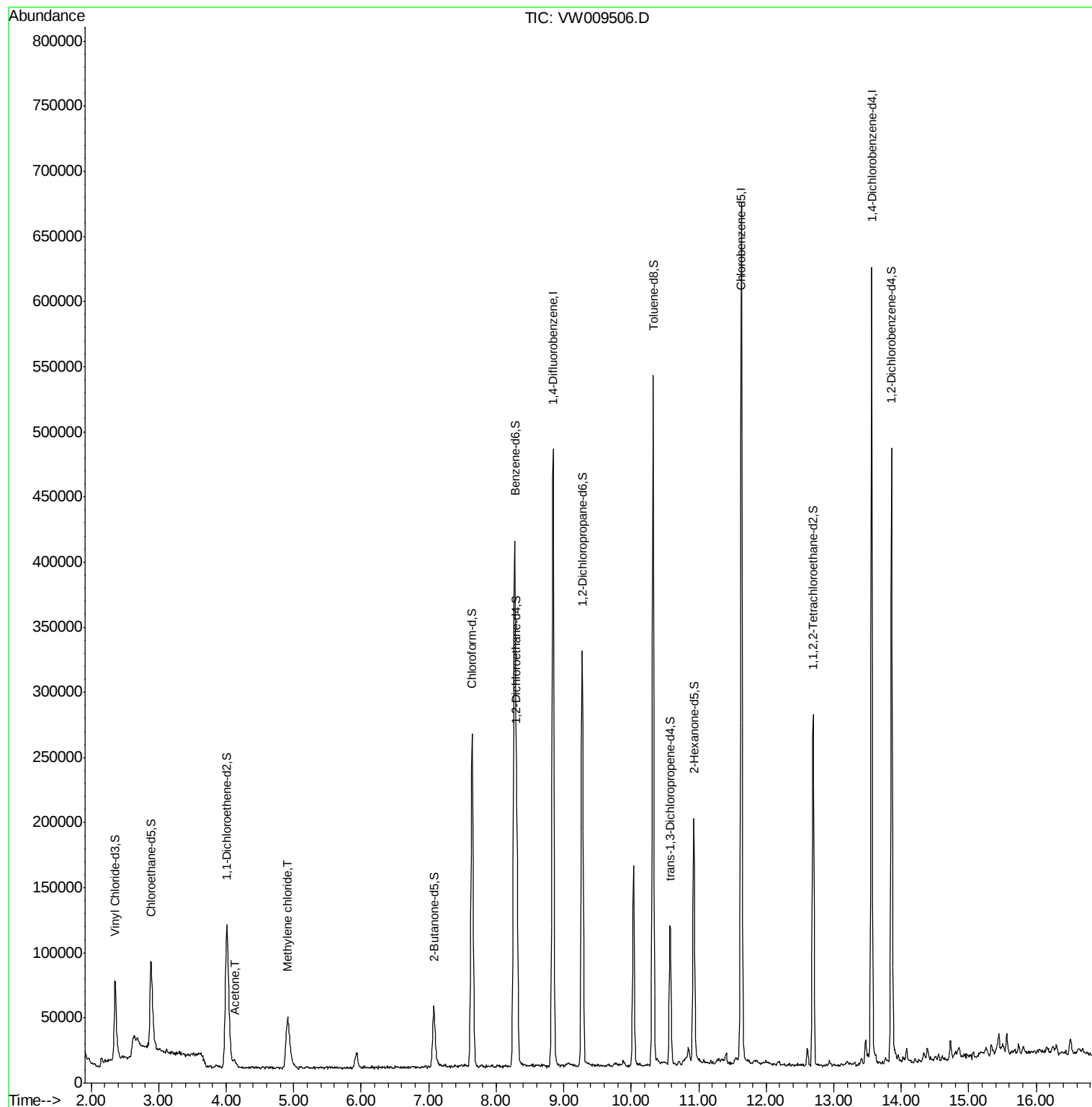
Target Compounds					Ovalue
13) Acetone	4.12	43	6626	4.422 ug/L	86
16) Methylene chloride	4.91	84	34645	6.425 ug/L	98

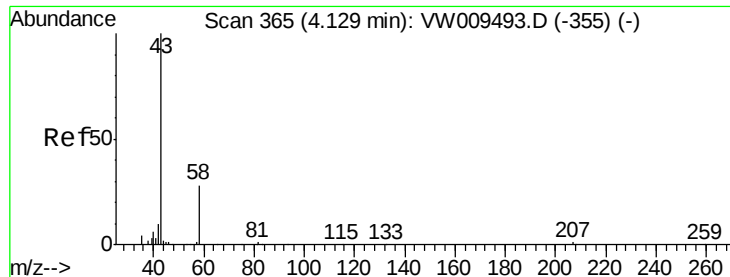
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.422 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

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Instrument :

MSVOA_W

ClientSampled :

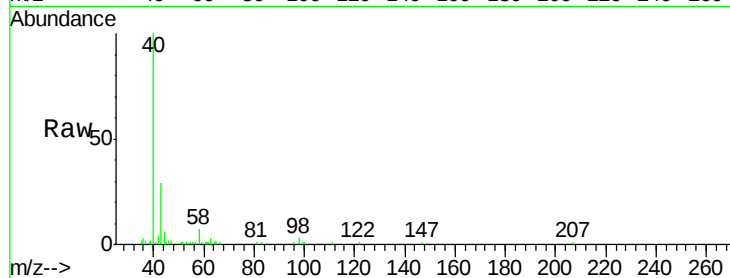
BF5P8

Tot Ion: 43 Resp: 6626

Ion Ratio Lower Upper

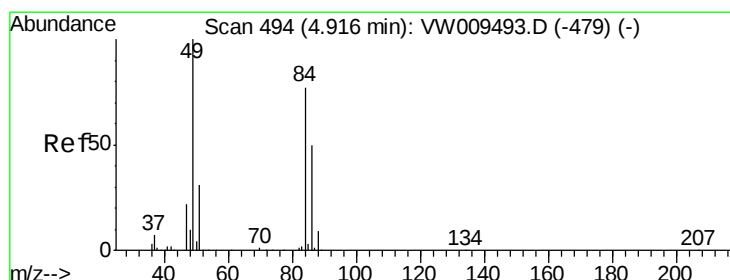
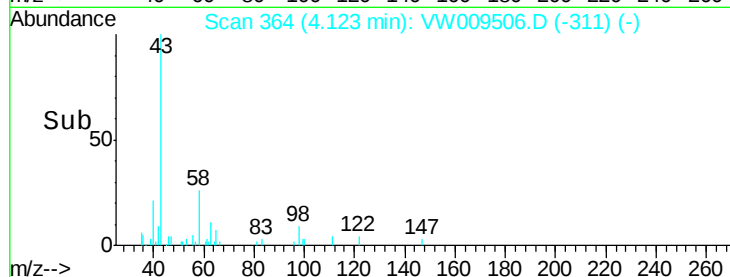
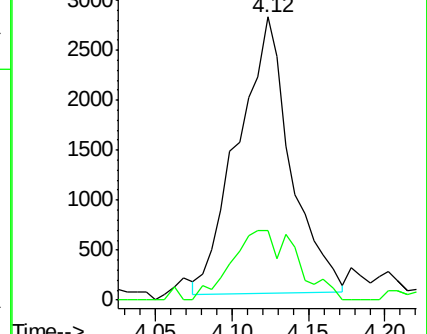
43 100

58 20.9 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: 6.425 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

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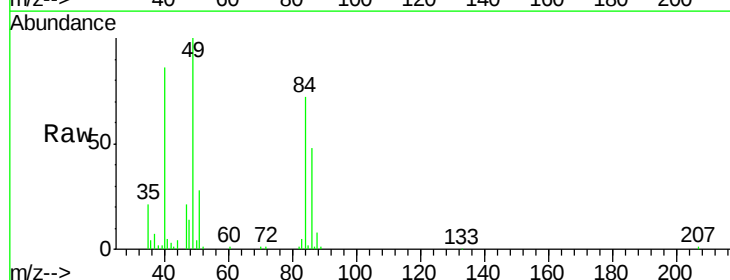
Tgt Ion: 84 Resp: 34645

Ion Ratio Lower Upper

84 100

49 138.3 96.0 178.2

86 66.1 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

