

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112619\
 Data File : VW014135.D
 Acq On : 26 Nov 2019 15:09
 Operator : SY/VA
 Sample : K6007-17RE
 Misc : 5.12G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0BM3RE

Quant Time: Nov 27 17:20:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 27 06:15:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	81541	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	80983	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	25844	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	19278	14.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.28%
7) Chloroethane-d5	2.88	69	22241	21.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.36%
10) 1,1-Dichloroethene-d2	4.01	63	33688	12.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.48%
20) 2-Butanone-d5	7.07	46	35875	94.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	189.84%#
24) Chloroform-d	7.65	84	72970	29.10	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	116.40%
26) 1,2-Dichloroethane-d4	8.31	65	49889	39.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	158.32%#
29) Benzene-d6	8.27	84	132549	23.07	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.28%
33) 1,2-Dichloropropane-d6	9.27	67	49287	29.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.12%
37) Toluene-d8	10.32	98	103821	19.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.20%
38) trans-1,3-Dichloropropene-	10.57	79	17472	24.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.96%
39) 2-Hexanone-d5	10.92	63	20247	63.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.86%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	47508	37.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	149.52%#
61) 1,2-Dichlorobenzene-d4	13.85	152	28776	27.71	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.84%

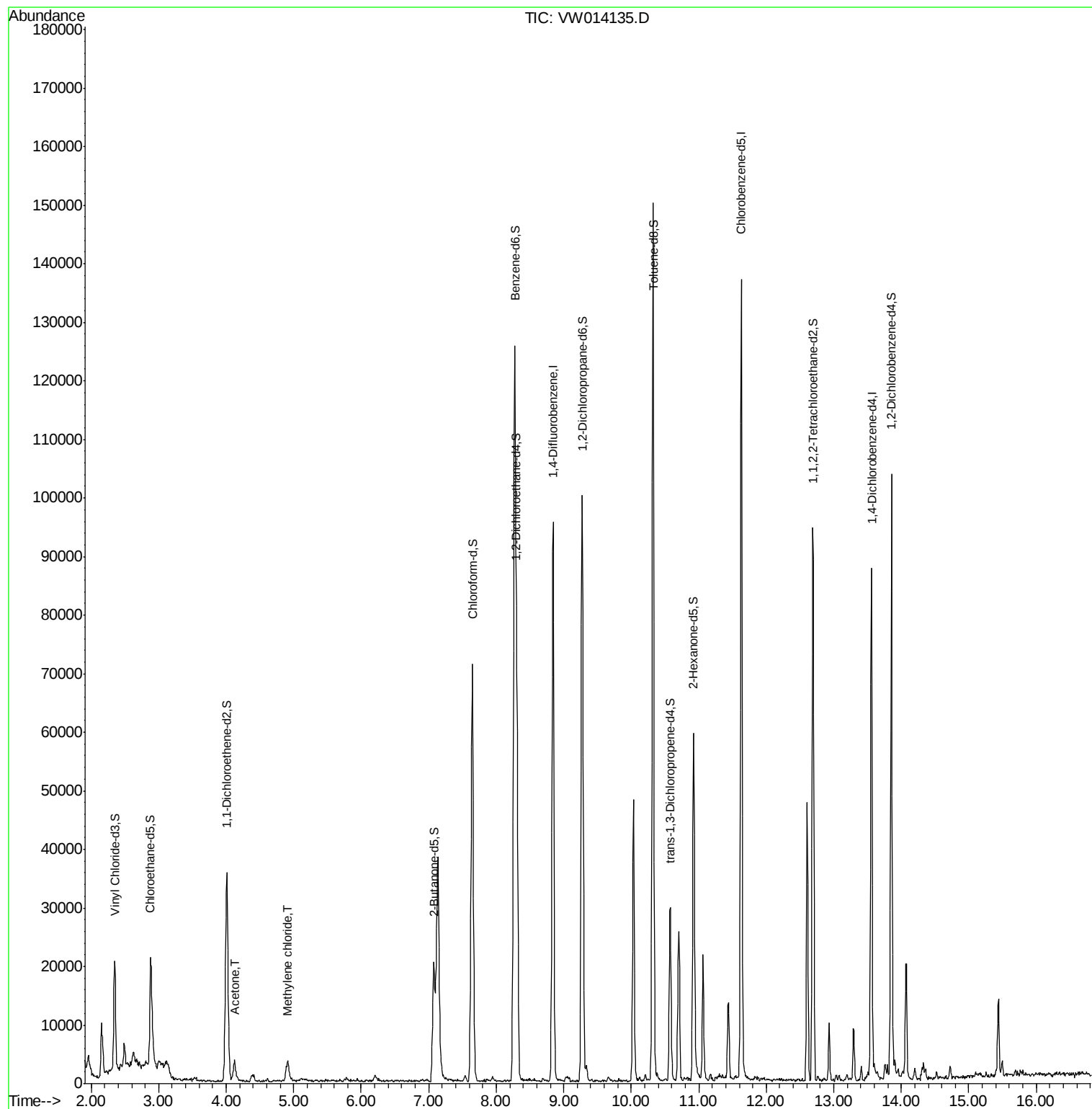
Target Compounds					Ovalue
13) Acetone	4.12	43	6288	16.350 ug/L	97
16) Methylene chloride	4.92	84	2755	1.755 ug/L	77

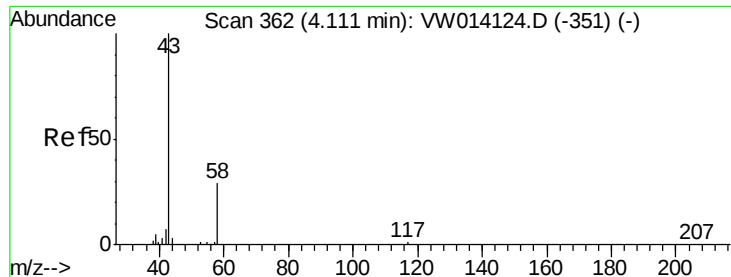
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 16.350 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

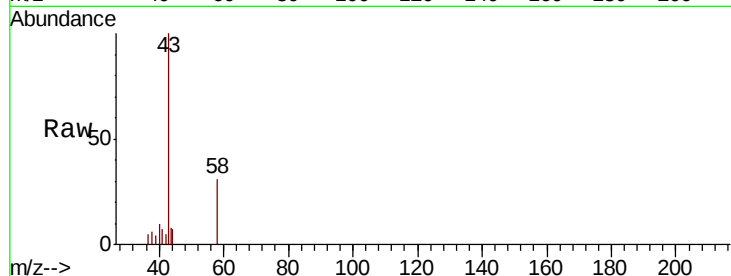
C0BM3RE

Tot Ion: 43 Resp: 6288

Ion Ratio Lower Upper

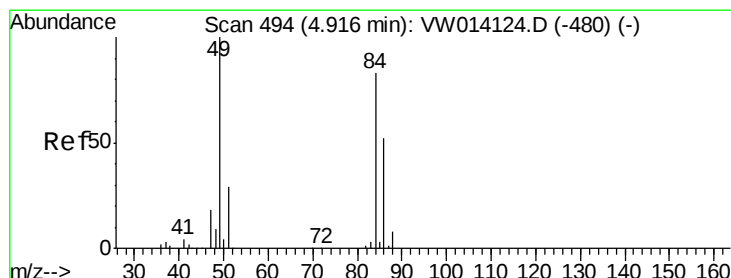
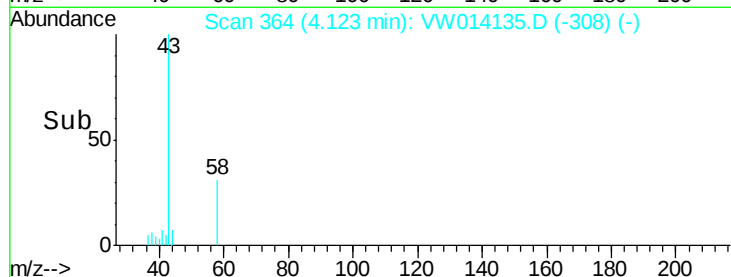
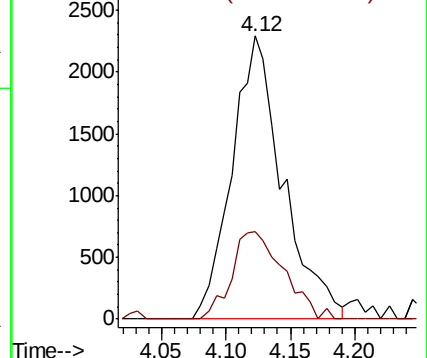
43 100

58 31.1 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.755 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

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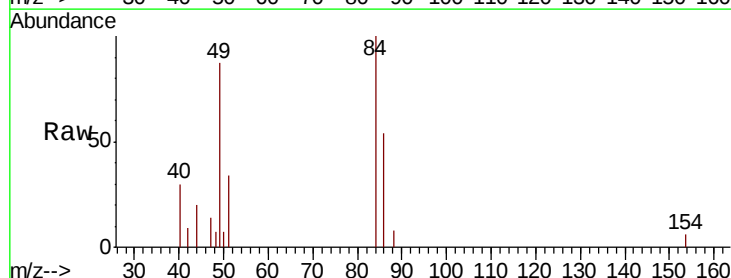
Tgt Ion: 84 Resp: 2755

Ion Ratio Lower Upper

84 100

49 87.3 84.2 156.4

86 53.9 43.7 81.1



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

