

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW103119\
 Data File : VW013882.D
 Acq On : 01 Nov 2019 05:36
 Operator : SY/VA
 Sample : K5552-15
 Misc : 5.32G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAQC8

Quant Time: Nov 01 07:54:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM103119S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 01 07:47:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	251840	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	195845	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	61813	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	120525	31.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	125.72%
7) Chloroethane-d5	2.89	69	96617	32.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	128.84%
10) 1,1-Dichloroethene-d2	4.02	63	168029	21.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.60%
20) 2-Butanone-d5	7.07	46	69871	51.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.70%
24) Chloroform-d	7.65	84	239086	31.02	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	124.08%
26) 1,2-Dichloroethane-d4	8.31	65	127194	30.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	121.40%
29) Benzene-d6	8.27	84	479576	37.79	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	151.16%#
33) 1,2-Dichloropropane-d6	9.27	67	152548	40.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	160.44%#
37) Toluene-d8	10.32	98	389145	32.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	128.28%
38) trans-1,3-Dichloropropene-	10.58	79	47995	27.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	110.36%
39) 2-Hexanone-d5	10.93	63	52729	60.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.48%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	103572	29.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	119.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	72863	30.61	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	122.44%#

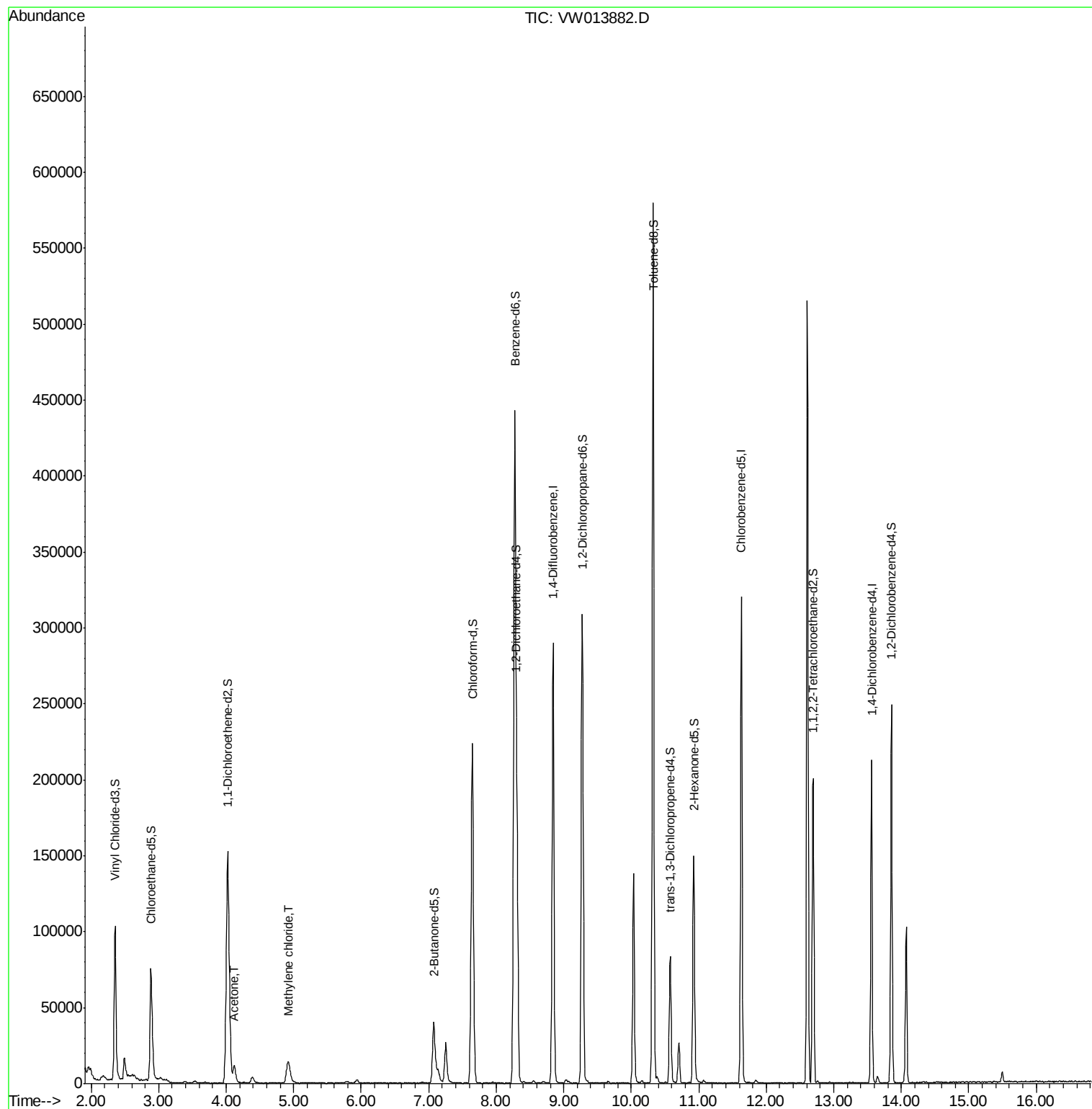
Target Compounds					Qvalue
13) Acetone	4.12	43	18449	14.630 ug/L	96
16) Methylene chloride	4.92	84	13833	2.810 ug/L	99

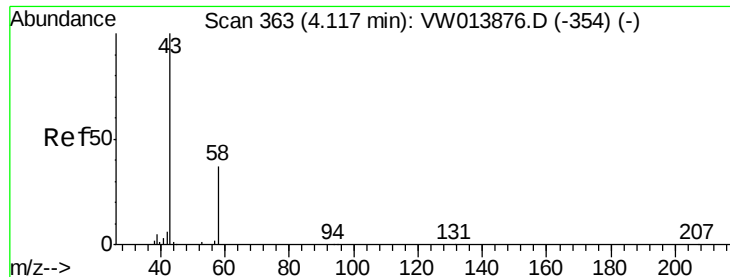
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 14.630 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

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ClientSampleId :

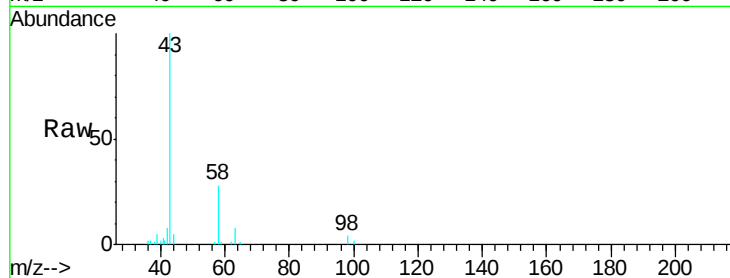
GAQC8

Tgt Ion: 43 Resp: 18449

Ion Ratio Lower Upper

43 100

58 34.1 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

8000

6000

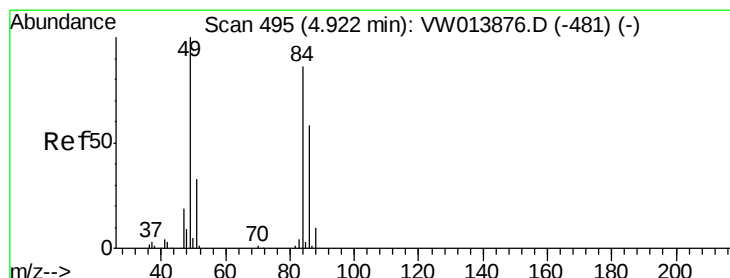
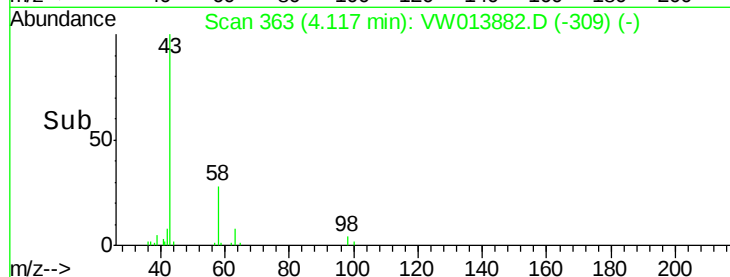
4000

2000

0

Time-->

4.05 4.10 4.15 4.20



#16

Methylene chloride

Concen: 2.810 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

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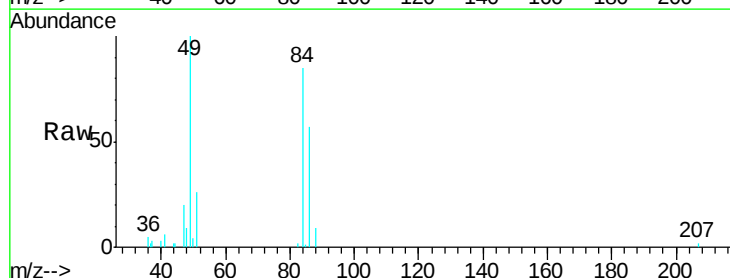
Tgt Ion: 84 Resp: 13833

Ion Ratio Lower Upper

84 100

49 118.0 82.2 152.6

86 67.5 45.6 84.8



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

4.92

6000

5000

4000

3000

2000

1000

0

Time-->

4.80 4.90 5.00

