

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070219\
 Data File : VW011109.D
 Acq On : 02 Jul 2019 15:35
 Operator : SY/VA
 Sample : K3599-04
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAM13

Quant Time: Jul 03 05:42:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 02 12:27:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	279799	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	252175	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	117934	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	79949	18.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.84%
7) Chloroethane-d5	2.89	69	60058	20.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.16%
10) 1,1-Dichloroethene-d2	4.01	63	138754	15.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.32%
20) 2-Butanone-d5	7.07	46	95653	56.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.68%
24) Chloroform-d	7.65	84	170282	22.20	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	8.31	65	112876	23.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.60%
29) Benzene-d6	8.27	84	349173	22.48	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.92%
33) 1,2-Dichloropropane-d6	9.27	67	117860	23.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.20%
37) Toluene-d8	10.32	98	312173	22.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.20%
38) trans-1,3-Dichloropropene-	10.58	79	45647	21.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.88%
39) 2-Hexanone-d5	10.93	63	58524	50.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.90%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	106313	25.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	106372	23.50	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.00%

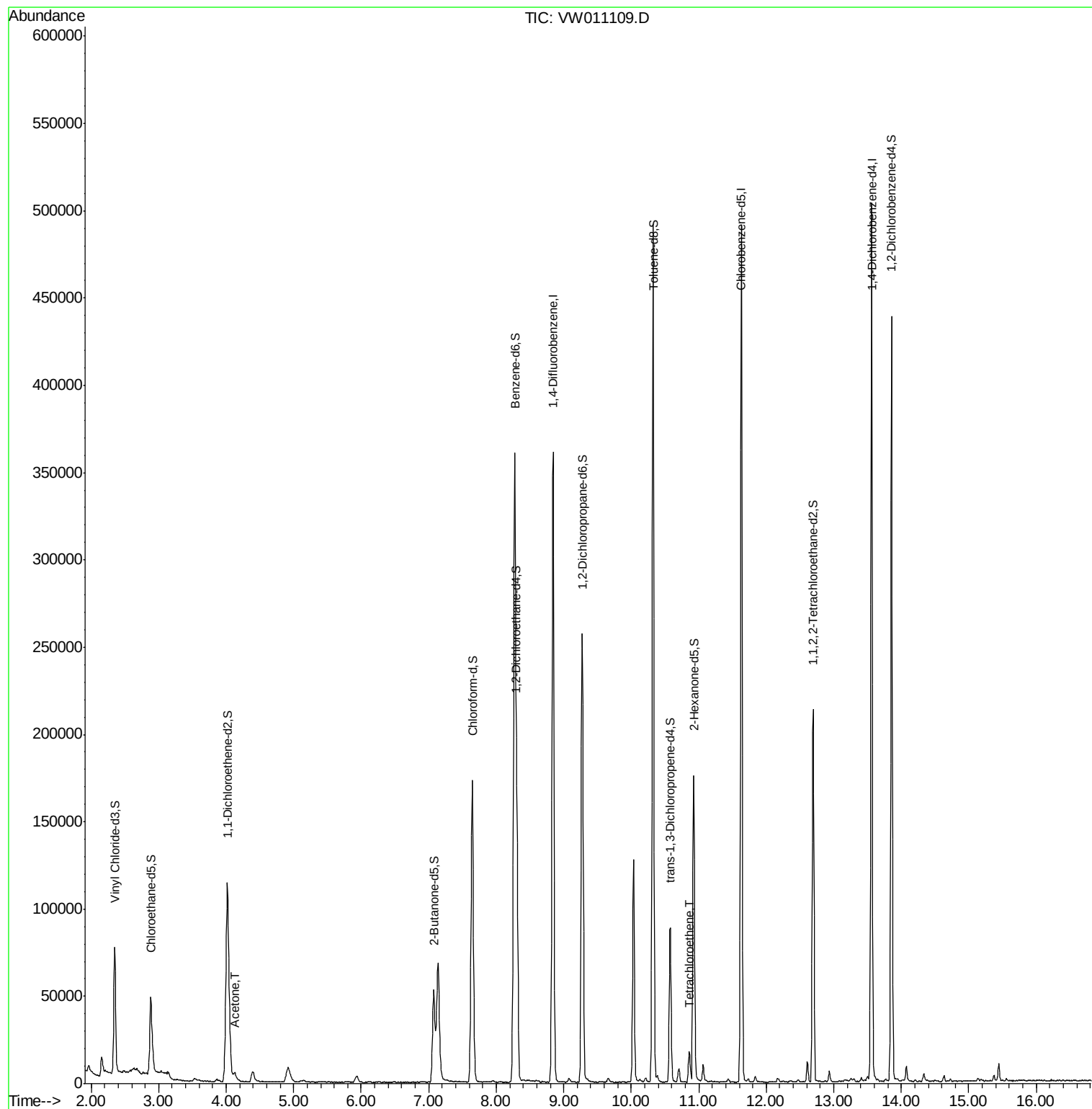
Target Compounds					Ovalue
13) Acetone	4.12	43	7776	4.730 ug/L	80
47) Tetrachloroethene	10.86	164	3580	1.191 ug/L	98

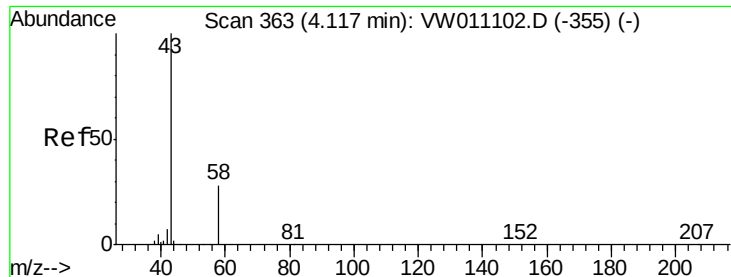
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.730 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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ClientSampleId :

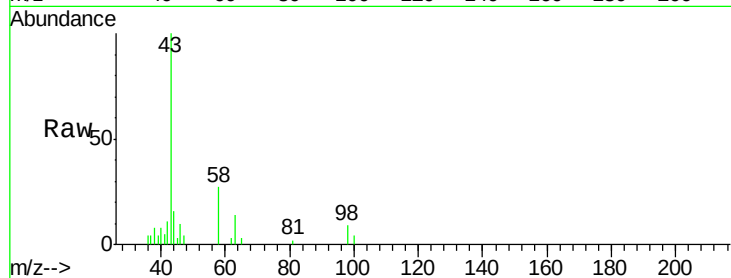
GAM13

Tot Ion: 43 Resp: 7776

Ion Ratio Lower Upper

43 100

58 17.1 0.0 55.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

3000

2500

2000

1500

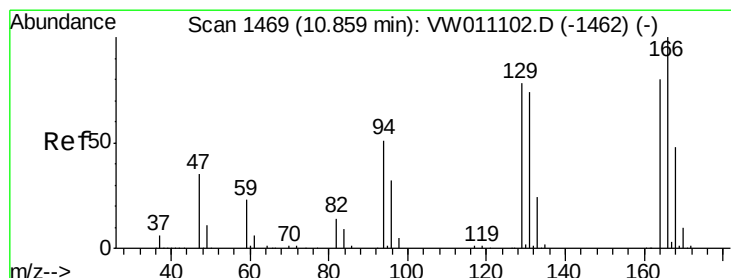
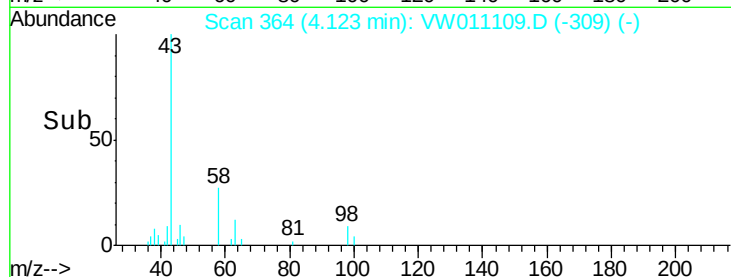
1000

500

0

Time-->

4.05 4.10 4.15 4.20



#47

Tetrachloroethene

Concen: 1.191 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

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Tgt Ion: 164 Resp: 3580

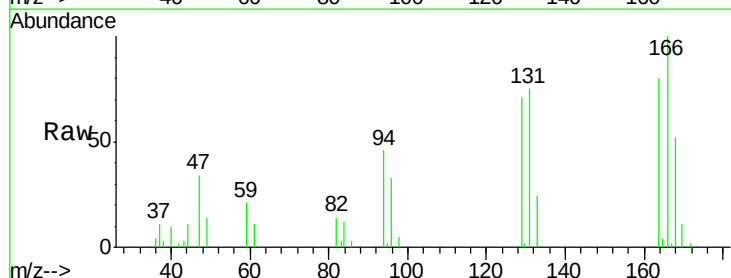
Ion Ratio Lower Upper

164 100

129 92.2 68.5 127.1

131 93.2 64.8 120.4

166 124.9 87.9 163.3



Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

4000

3000

2000

1000

0

Time-->

10.80 10.85 10.90

