

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092320\
 Data File : VW016609.D
 Acq On : 22 Sep 2020 14:42
 Operator : SY/VA
 Sample : L4108-04
 Misc : 5.40G/10ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3M8

Quant Time: Sep 23 08:03:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 23 07:21:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	675025	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	601447	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	294429	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	171527	26.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.00%
7) Chloroethane-d5	2.90	69	146626	27.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.92%
10) 1,1-Dichloroethene-d2	4.03	63	271306	18.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.28%
20) 2-Butanone-d5	7.08	46	72201	40.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.06%
24) Chloroform-d	7.65	84	378002	26.77	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.08%
26) 1,2-Dichloroethane-d4	8.45	65	96	0.01	ug/L	0.13
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.28	84	741314	27.48	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.92%
33) 1,2-Dichloropropane-d6	9.28	67	202713	27.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.92%
37) Toluene-d8	10.33	98	710113	26.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.04%
38) trans-1,3-Dichloropropene-	10.58	79	89075	24.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.68%
39) 2-Hexanone-d5	10.93	63	58444	43.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.92%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	143791	23.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.48%
61) 1,2-Dichlorobenzene-d4	13.85	152	254110	27.01	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.04%

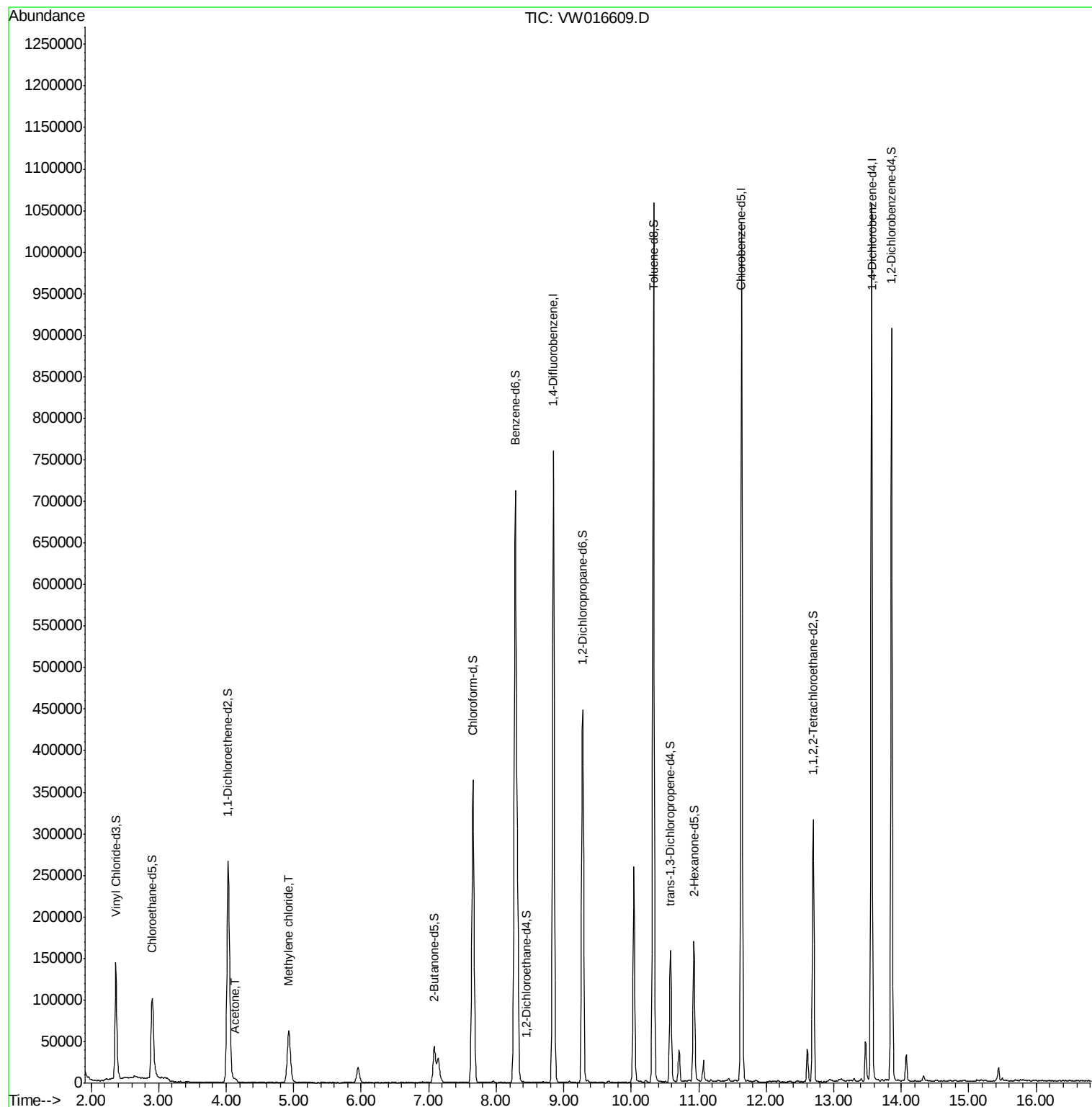
Target Compounds					Ovalue
13) Acetone	4.14	43	7330	5.253 ug/L	80
16) Methylene chloride	4.92	84	54927	5.276 ug/L	97

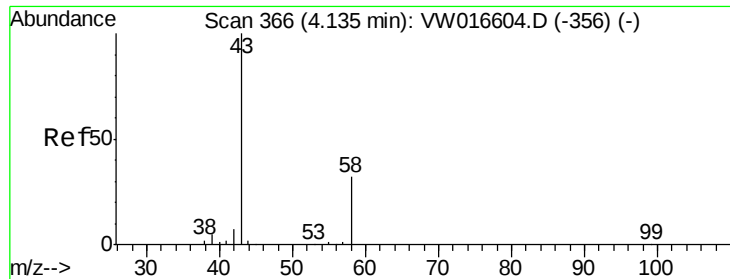
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.253 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampled :

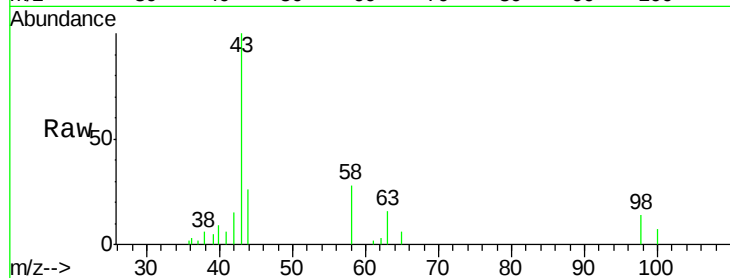
BG3M8

Tot Ion: 43 Resp: 7330

Ion Ratio Lower Upper

43 100

58 19.1 0.0 60.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

2500

2000

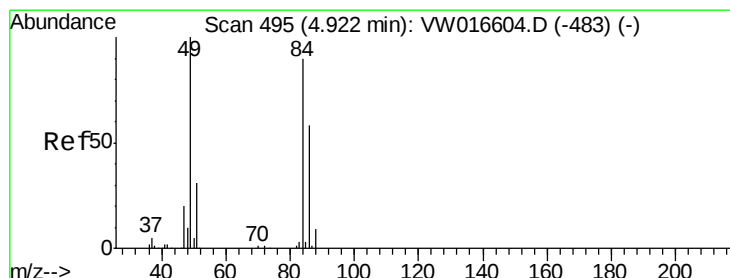
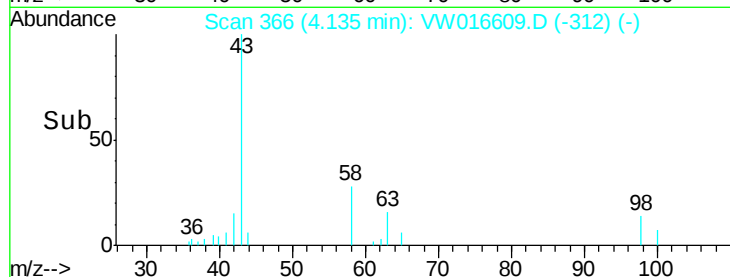
1500

1000

500

0

Time--> 4.00 4.10 4.20



#16

Methylene chloride

Concen: 5.276 ug/L

RT: 4.92 min Scan# 495

Delta R.T. -0.00 min

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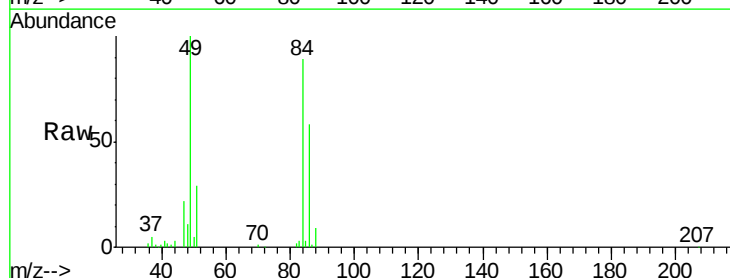
Tgt Ion: 84 Resp: 54927

Ion Ratio Lower Upper

84 100

49 112.8 76.0 141.2

86 65.3 45.6 84.6



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

25000

20000

15000

10000

5000

0

Time--> 4.80 4.90 5.00

