

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW012820\
 Data File : VW014787.D
 Acq On : 28 Jan 2020 15:04
 Operator : SY/VA
 Sample : L1271-15
 Misc : 5.09G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAT06

Quant Time: Jan 28 16:19:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 28 16:16:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1150508	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1033120	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	448827	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	462170	25.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.44%
7) Chloroethane-d5	2.89	69	359990	23.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.00%
10) 1,1-Dichloroethene-d2	4.01	63	495329	15.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.08%
20) 2-Butanone-d5	7.07	46	167344	32.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.68%
24) Chloroform-d	7.64	84	808845	25.47	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.88%
26) 1,2-Dichloroethane-d4	8.43	65	272	0.02	ug/L	0.13
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
29) Benzene-d6	8.27	84	1540911	23.70	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.80%
33) 1,2-Dichloropropane-d6	9.27	67	464817	23.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.00%
37) Toluene-d8	10.32	98	1359168	23.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.88%
38) trans-1,3-Dichloropropene-	10.57	79	169496	21.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.20%
39) 2-Hexanone-d5	10.92	63	117787	31.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	279911	17.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	70.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	409883	23.30	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.20%

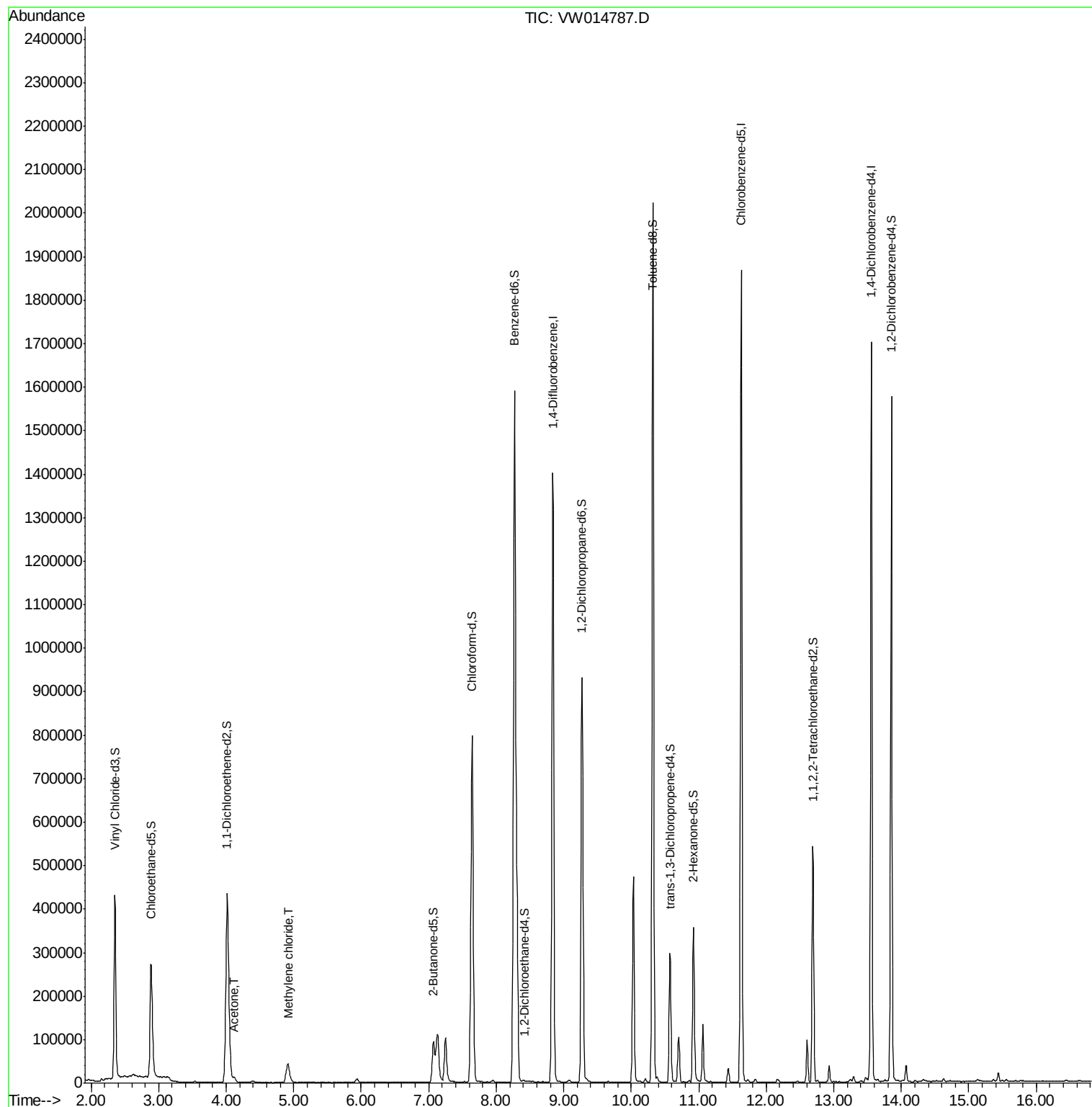
Target Compounds					Qvalue
13) Acetone	4.12	43	16390	2.96 ug/L	75
16) Methylene chloride	4.92	84	38070	1.96 ug/L	90

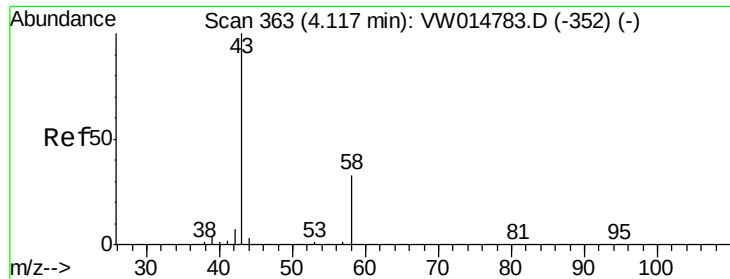
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.96 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampled :

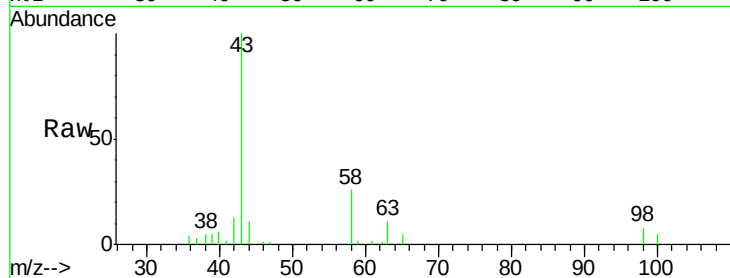
GAT06

Tgt Ion: 43 Resp: 16390

Ion Ratio Lower Upper

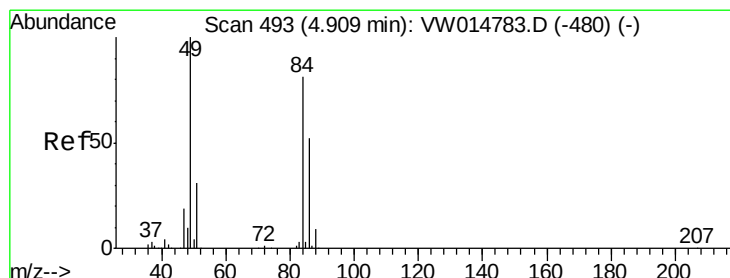
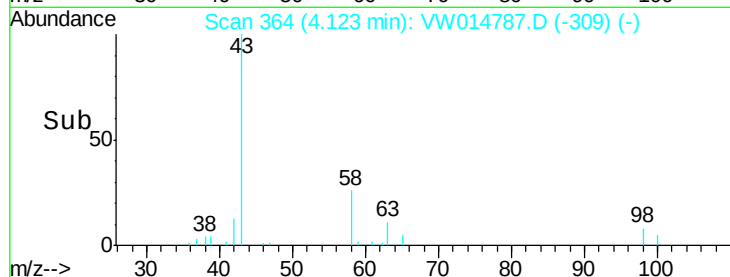
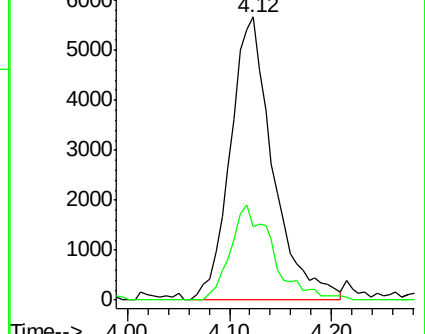
43 100

58 18.2 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.96 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

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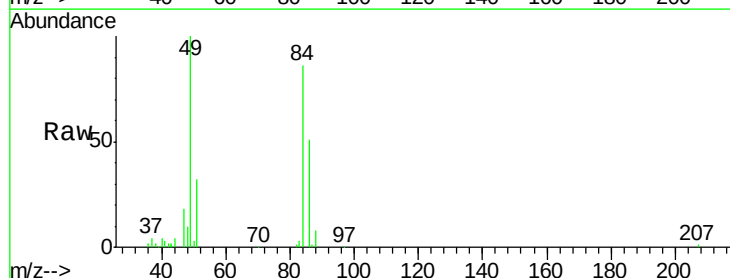
Tgt Ion: 84 Resp: 38070

Ion Ratio Lower Upper

84 100

49 115.8 90.9 168.7

86 58.7 43.5 80.7



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

