

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011620\
 Data File : VW014665.D
 Acq On : 16 Jan 2020 11:50
 Operator : SY/VA
 Sample : L1109-18RE
 Misc : 5.08G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GASH7

Quant Time: Jan 17 01:21:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 17 01:19:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1276765	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1110472	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	478953	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	396338	22.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.08%
7) Chloroethane-d5	2.89	69	313305	23.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.52%
10) 1,1-Dichloroethene-d2	4.20	63	82	0.00	ug/L	0.18
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.00%#
20) 2-Butanone-d5	7.07	46	155488	36.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.60%
24) Chloroform-d	7.65	84	703705	23.96	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.84%
26) 1,2-Dichloroethane-d4	8.30	65	342998	22.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.00%
29) Benzene-d6	8.27	84	1519388	25.73	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.92%
33) 1,2-Dichloropropane-d6	9.27	67	450347	25.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.44%
37) Toluene-d8	10.32	98	1350960	25.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.96%
38) trans-1,3-Dichloropropene-	10.57	79	161779	22.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.24%
39) 2-Hexanone-d5	10.92	63	113539	37.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.80%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	280640	21.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.20%
61) 1,2-Dichlorobenzene-d4	13.85	152	415007	26.30	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.20%

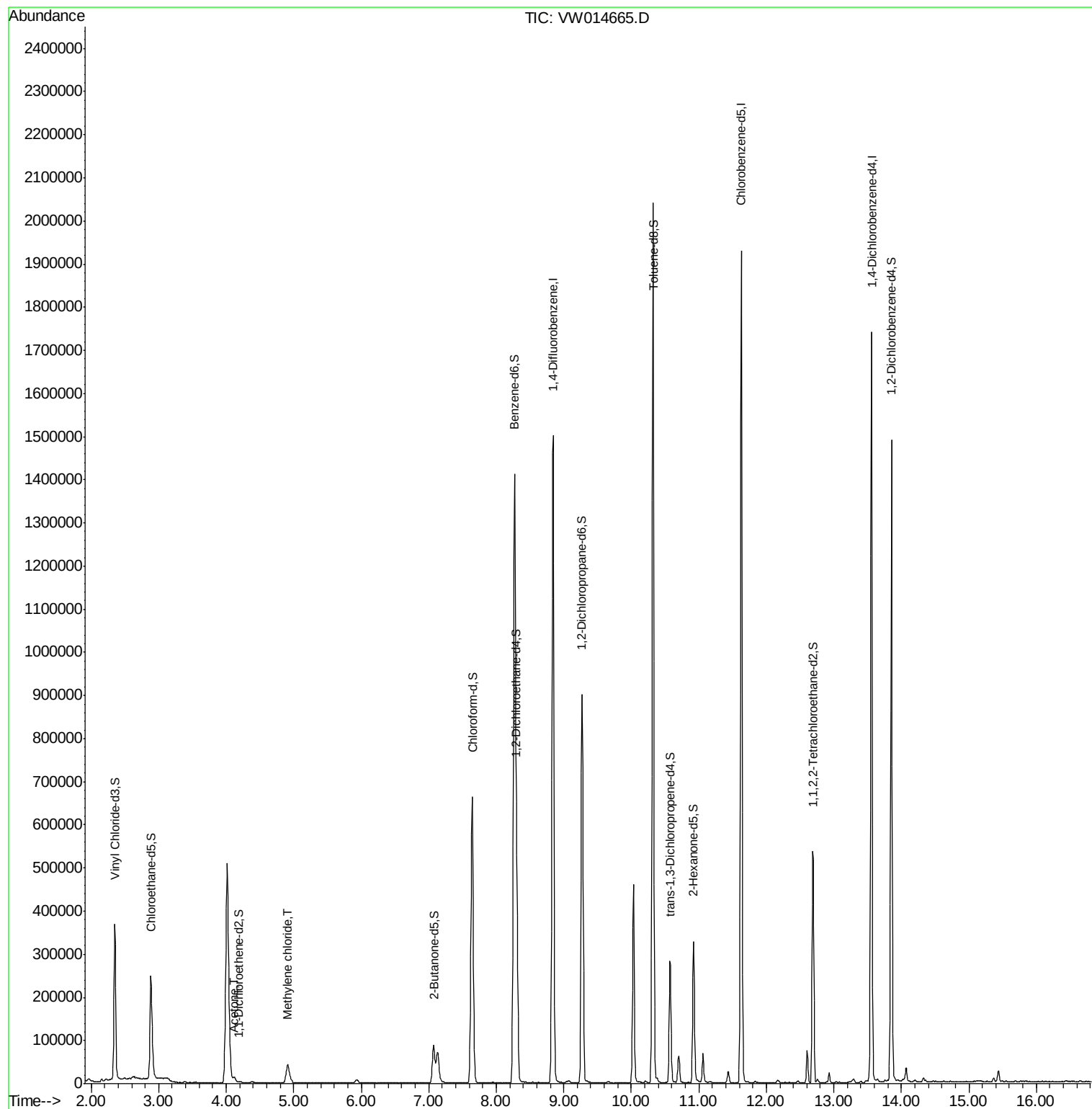
Target Compounds					Ovalue
13) Acetone	4.12	43	18904	3.188 ug/L	99
16) Methylene chloride	4.91	84	35094	1.686 ug/L	91

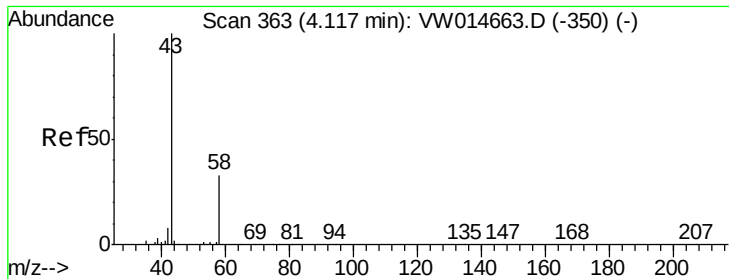
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.188 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampled :

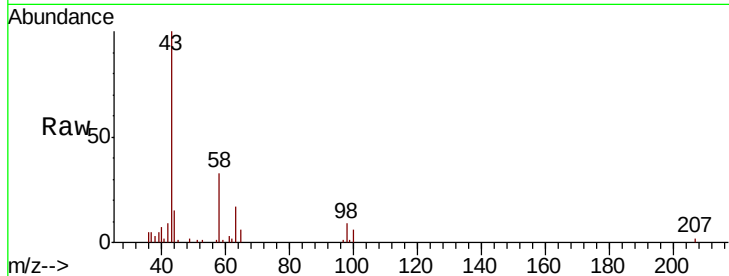
GASH7

Tot Ion: 43 Resp: 18904

Ion Ratio Lower Upper

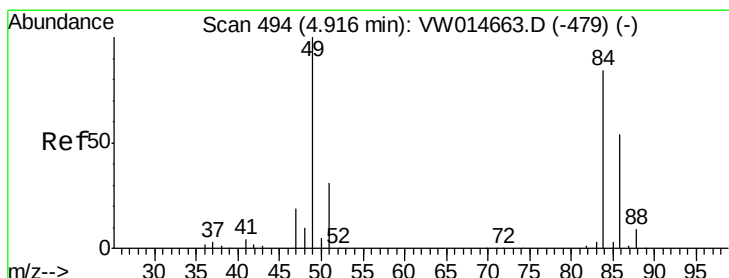
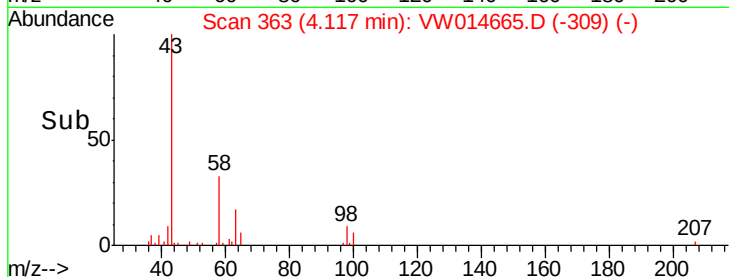
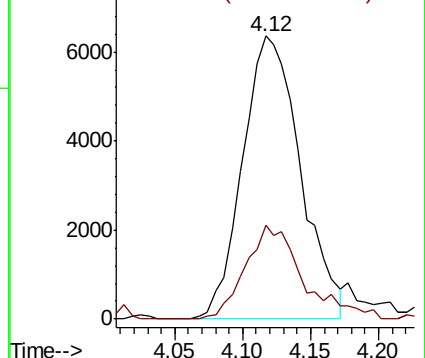
43 100

58 32.6 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.686 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

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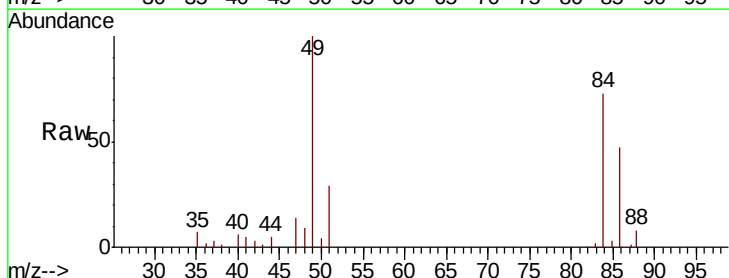
Tgt Ion: 84 Resp: 35094

Ion Ratio Lower Upper

84 100

49 137.3 85.8 159.4

86 65.2 44.5 82.7



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

