

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

Instrument :
 MSVOA_W
 ClientSampleId :
 GASH7

Manual Integrations
 APPROVED

MMDadoda
 1/17/2020 1:58:33 PM

Quant Time: Jan 17 02:37:30 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	4.01	63	569238m	17.29	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	69.16%		
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						
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

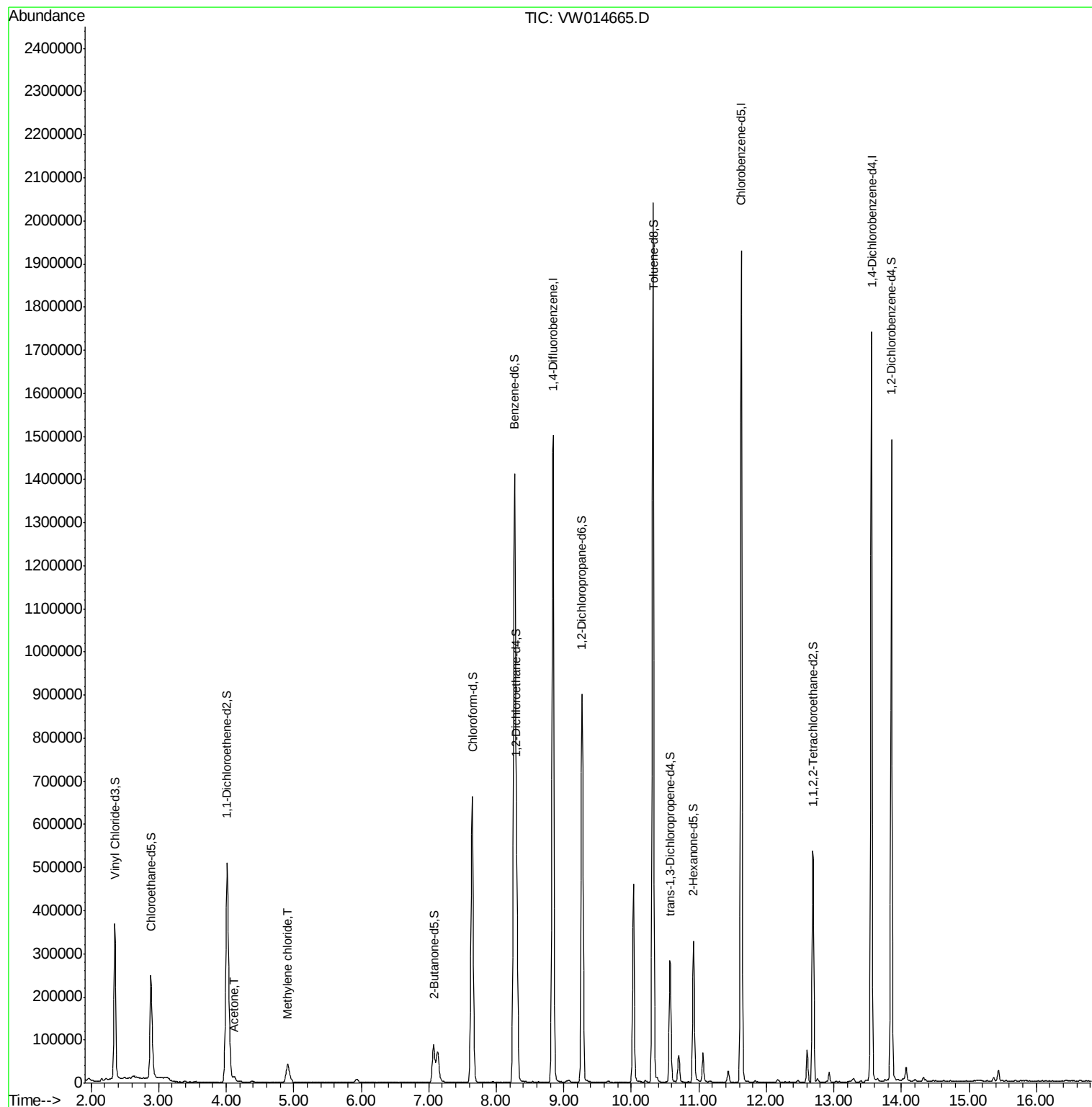
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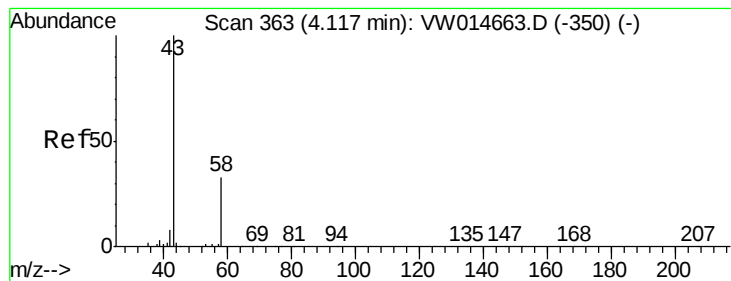
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#13

Acetone

Concen: 3.188 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW014665.D

Acq: 16 Jan 2020 11:50

Instrument :

MSVOA_W

ClientSampleId :

GASH7

Tot Ion: 43 Resp: 18904

Ion Ratio Lower Upper

43 100

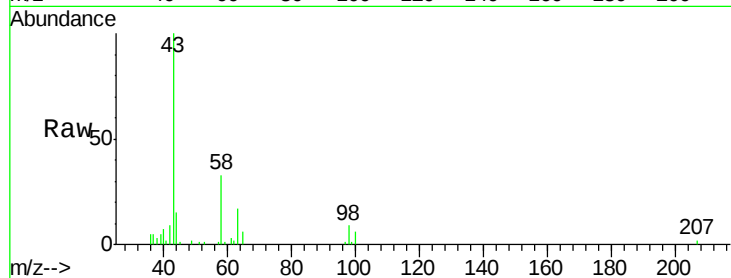
58 32.6 0.0 64.0

Manual Integrations

APPROVED

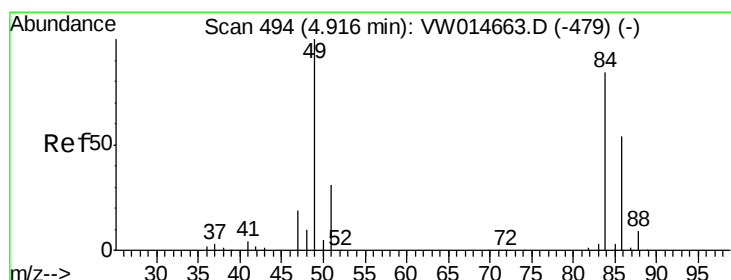
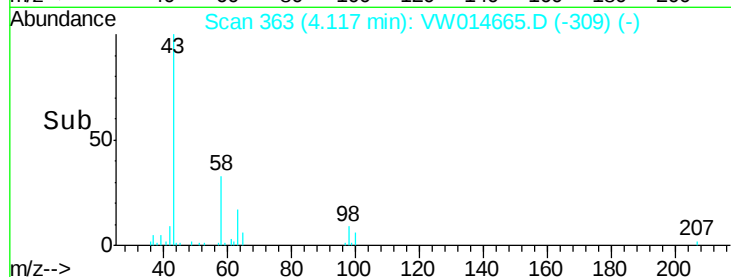
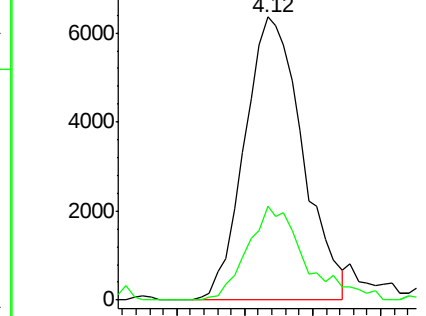
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1/17/2020 1:58:33 PM



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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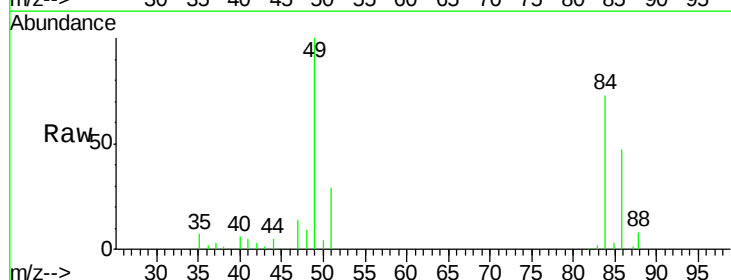
Tgt Ion: 84 Resp: 35094

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

