

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100120\
 Data File : VW016742.D
 Acq On : 01 Oct 2020 16:51
 Operator : SY/VA
 Sample : L4203-15
 Misc : 5.32G/10ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3S9

Quant Time: Oct 01 22:29:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 01 21:33:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	655397	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	577664	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	272589	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	111731	17.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.44%
7) Chloroethane-d5	2.91	69	107929	20.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.36%
10) 1,1-Dichloroethene-d2	4.03	63	191556	13.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.04%
20) 2-Butanone-d5	7.09	46	62482	36.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.26%
24) Chloroform-d	7.65	84	319066	23.27	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.08%
26) 1,2-Dichloroethane-d4	8.31	65	155173	22.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.20%
29) Benzene-d6	8.28	84	611862	23.62	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.48%
33) 1,2-Dichloropropane-d6	9.28	67	173958	24.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.12%
37) Toluene-d8	10.33	98	581666	22.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.28%
38) trans-1,3-Dichloropropene-	10.59	79	65368	18.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.88%
39) 2-Hexanone-d5	10.93	63	50705	39.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	128326	21.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.92%
61) 1,2-Dichlorobenzene-d4	13.85	152	216711	24.88	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.52%

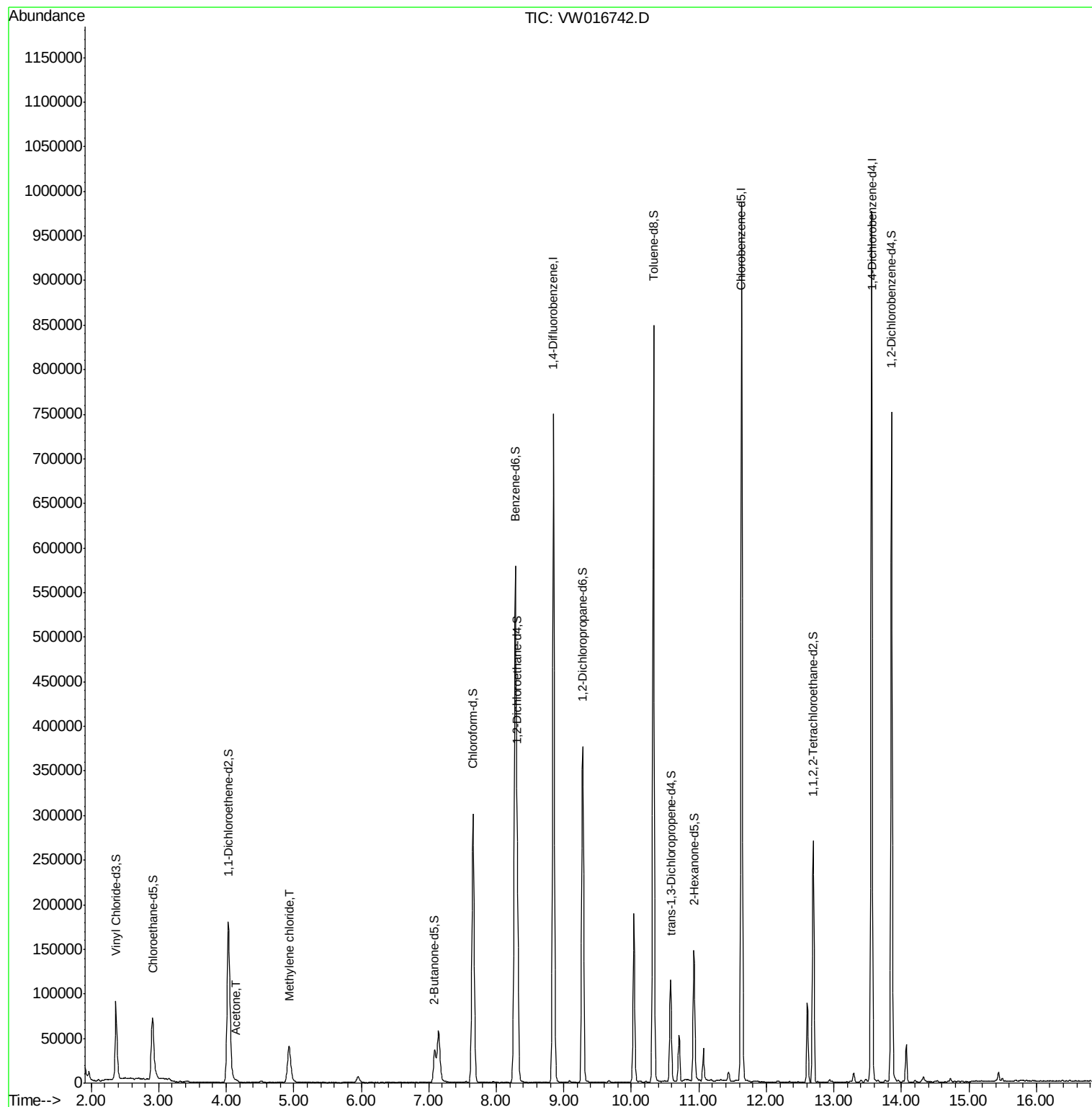
Target Compounds					Ovalue
13) Acetone	4.15	43	4554	3.361 ug/L	80
16) Methylene chloride	4.93	84	38727	3.831 ug/L	96

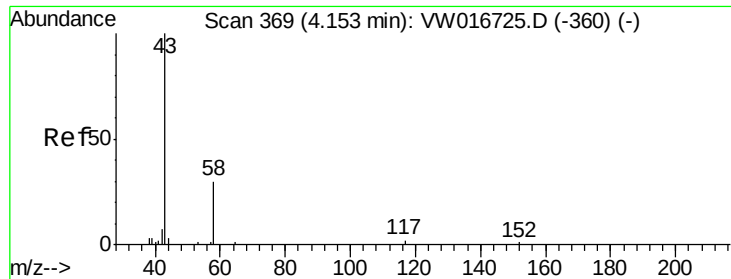
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.361 ug/L

RT: 4.15 min Scan# 368

Delta R.T. -0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

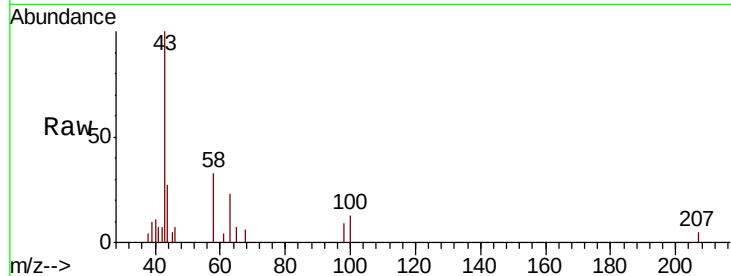
BG3S9

Tot Ion: 43 Resp: 4554

Ion Ratio Lower Upper

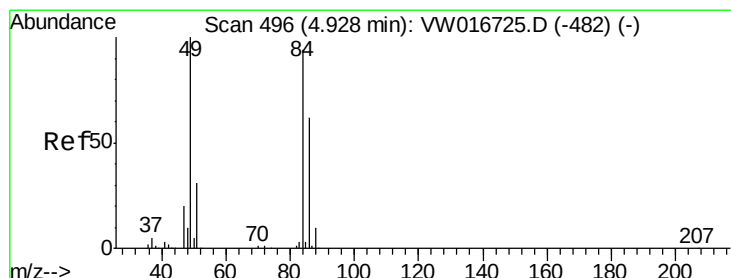
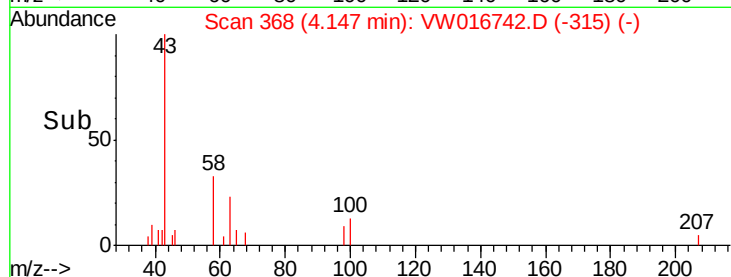
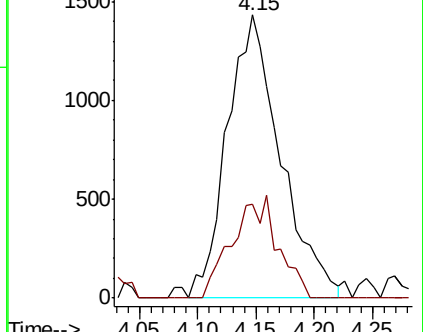
43 100

58 19.5 0.0 60.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 3.831 ug/L

RT: 4.93 min Scan# 497

Delta R.T. 0.01 min

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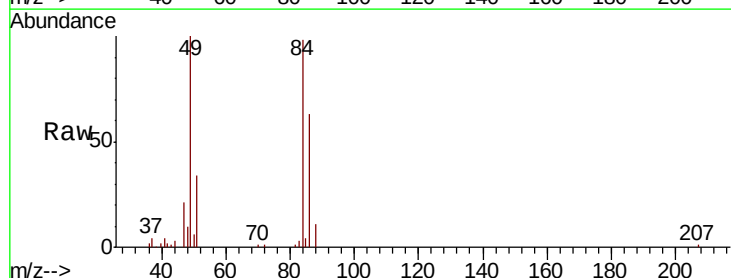
Tgt Ion: 84 Resp: 38727

Ion Ratio Lower Upper

84 100

49 101.9 76.0 141.2

86 64.4 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

