

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW093020\
 Data File : VW016719.D
 Acq On : 30 Sep 2020 18:02
 Operator : SY/VA
 Sample : L4201-05
 Misc : 6.08G/10ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AN4

Quant Time: Oct 01 06:37:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 01 05:05:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	593441	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	501981	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	225426	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	110690	19.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.08%
7) Chloroethane-d5	2.91	69	101373	21.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.44%
10) 1,1-Dichloroethene-d2	4.03	63	200473	15.61	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.44%
20) 2-Butanone-d5	7.09	46	58570	37.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.80%
24) Chloroform-d	7.66	84	310565	25.02	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.08%
26) 1,2-Dichloroethane-d4	8.31	65	148224	23.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.04%
29) Benzene-d6	8.28	84	588640	26.15	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.60%
33) 1,2-Dichloropropane-d6	9.28	67	160529	26.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.24%
37) Toluene-d8	10.33	98	557623	25.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.72%
38) trans-1,3-Dichloropropene-	10.58	79	63849	20.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.04%
39) 2-Hexanone-d5	10.93	63	46897	42.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.52%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	114182	22.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.00%
61) 1,2-Dichlorobenzene-d4	13.85	152	196024	27.22	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.88%

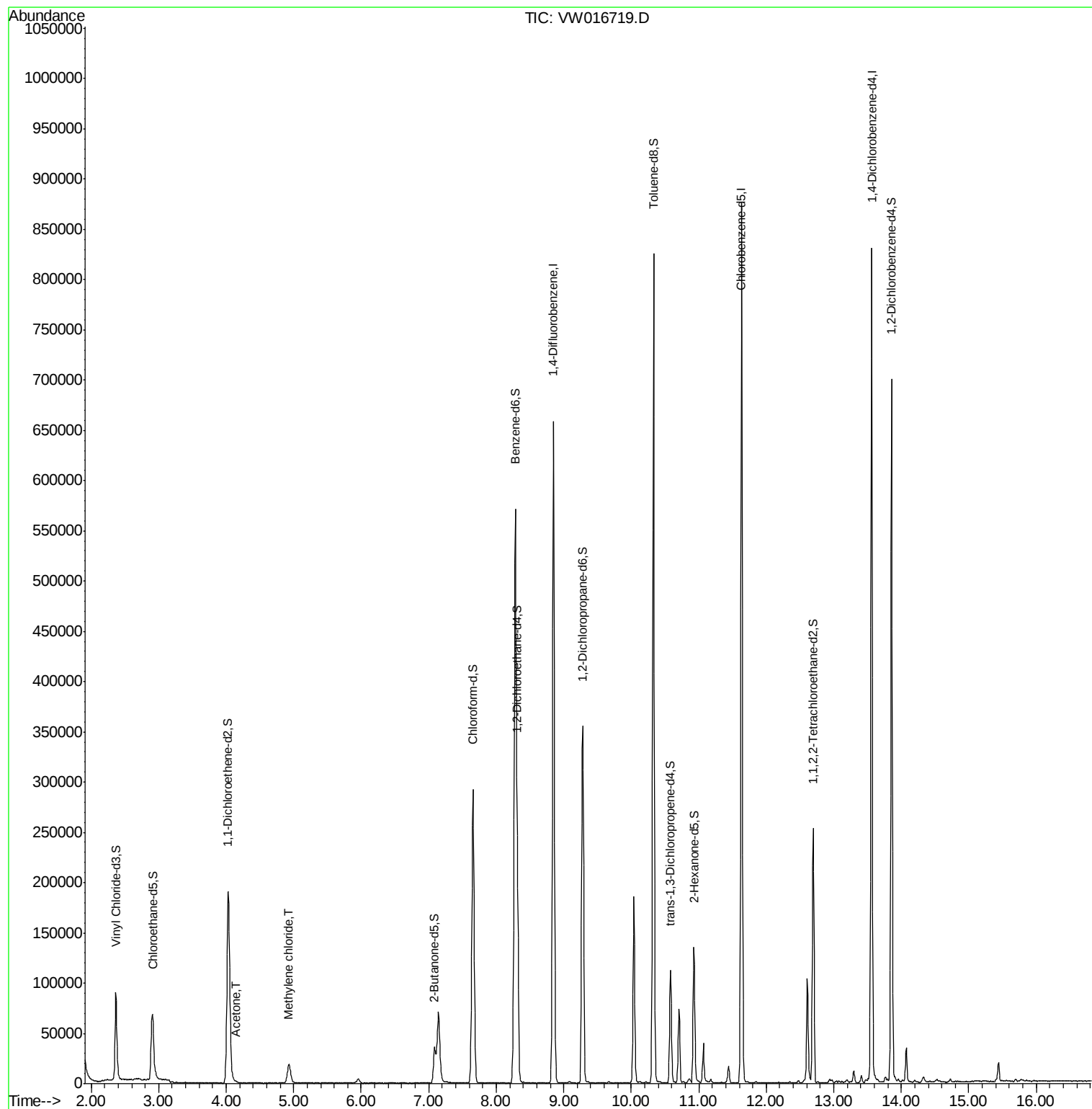
Target Compounds					Ovalue
13) Acetone	4.15	43	2784	2.269 ug/L	87
16) Methylene chloride	4.92	84	17063	1.864 ug/L	94

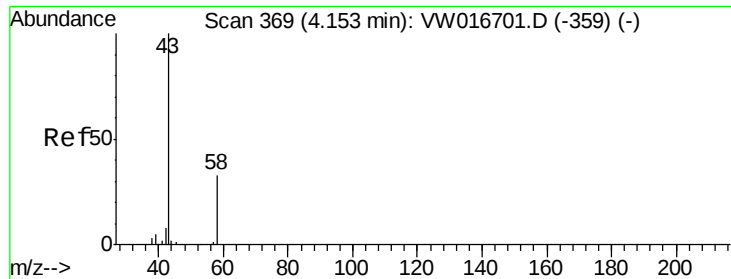
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.269 ug/L

RT: 4.15 min Scan# 368

Delta R.T. -0.01 min

Lab File: VW016719.D

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Instrument :

MSVOA_W

ClientSampled :

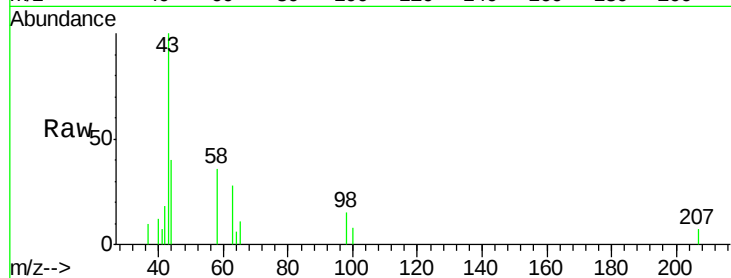
C0AN4

Tot Ion: 43 Resp: 2784

Ion Ratio Lower Upper

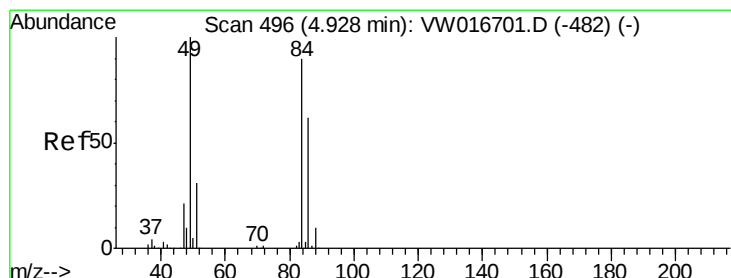
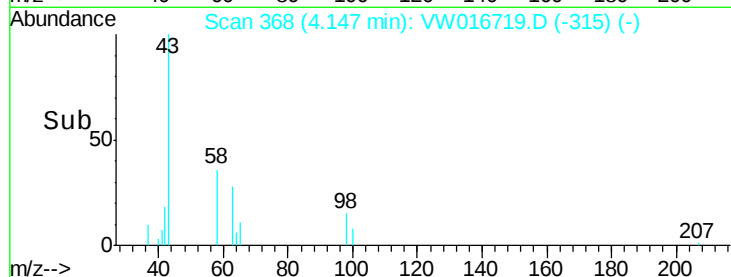
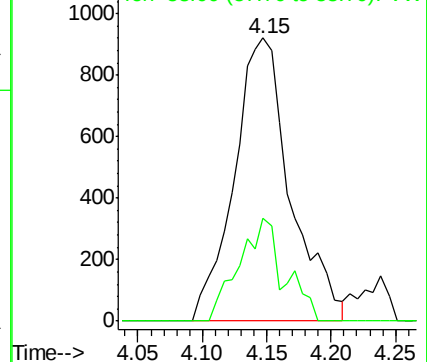
43 100

58 23.2 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: 1.864 ug/L

RT: 4.92 min Scan# 495

Delta R.T. -0.01 min

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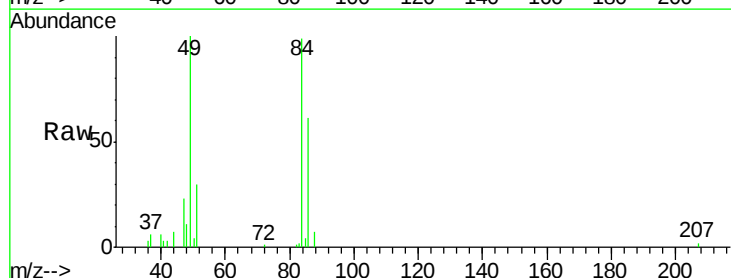
Tgt Ion: 84 Resp: 17063

Ion Ratio Lower Upper

84 100

49 101.4 76.0 141.2

86 62.0 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

