

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100120\
 Data File : VW016741.D
 Acq On : 01 Oct 2020 16:27
 Operator : SY/VA
 Sample : L4203-14
 Misc : 5.40G/10ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3S8

Quant Time: Oct 01 22:26:54 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	658852	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	578370	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	276375	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	116476	18.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.04%
7) Chloroethane-d5	2.91	69	115315	22.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.60%
10) 1,1-Dichloroethene-d2	4.03	63	198642	13.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.72%
20) 2-Butanone-d5	7.09	46	68422	39.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.70%
24) Chloroform-d	7.66	84	330370	23.97	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.88%
26) 1,2-Dichloroethane-d4	8.31	65	159947	22.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.44%
29) Benzene-d6	8.28	84	638998	24.63	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.52%
33) 1,2-Dichloropropane-d6	9.28	67	181205	25.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.12%
37) Toluene-d8	10.33	98	596412	23.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.48%
38) trans-1,3-Dichloropropene-	10.58	79	69742	19.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.72%
39) 2-Hexanone-d5	10.93	63	54917	42.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.90%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	138643	23.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	222956	25.25	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.00%

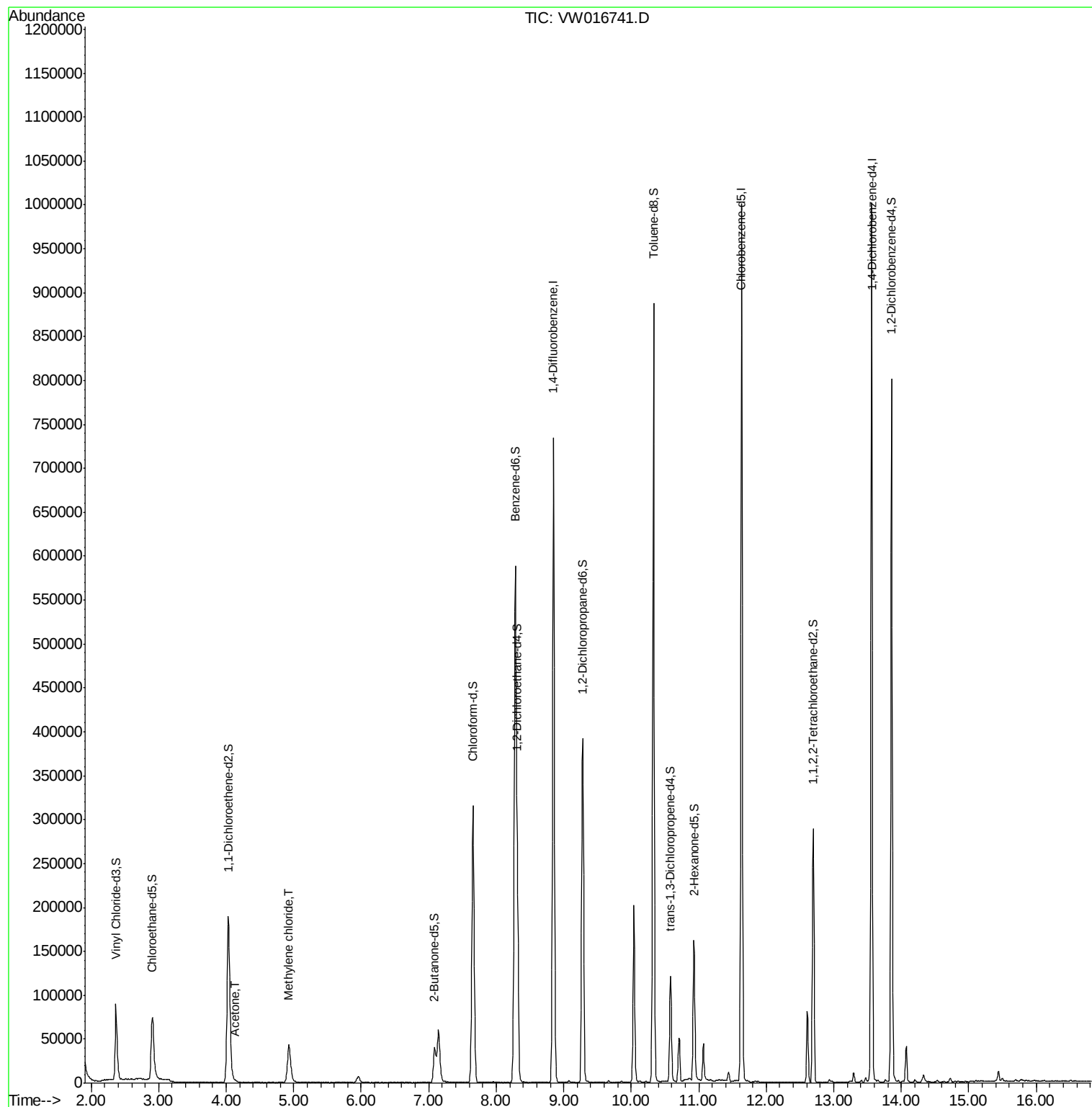
Target Compounds					Ovalue
13) Acetone	4.14	43	2653	1.948 ug/L	97
16) Methylene chloride	4.93	84	38815	3.820 ug/L	98

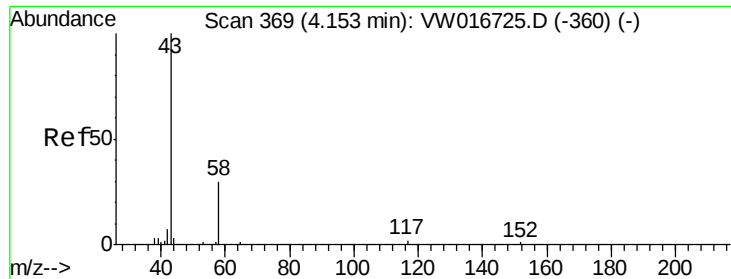
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.948 ug/L

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

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Acq: 01 Oct 2020 16:27

Instrument :

MSVOA_W

ClientSampled :

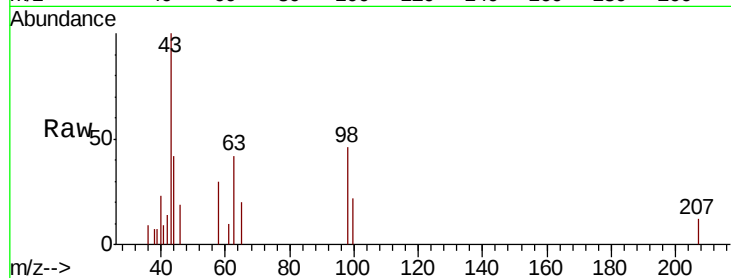
BG3S8

Tot Ion: 43 Resp: 2653

Ion Ratio Lower Upper

43 100

58 31.9 0.0 60.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

800

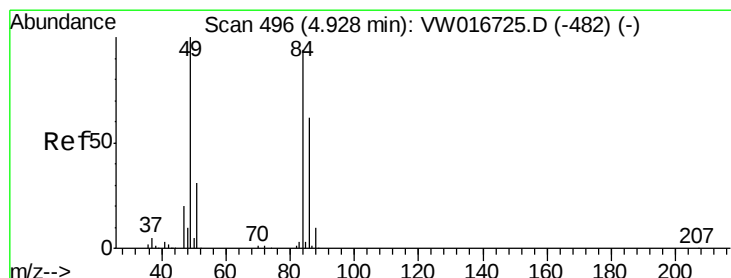
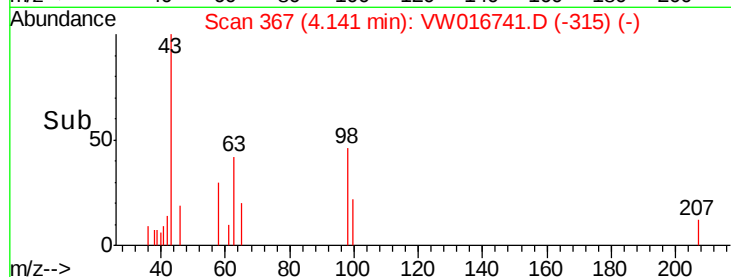
600

400

200

0

Time--> 4.05 4.10 4.15 4.20 4.25



#16

Methylene chloride

Concen: 3.820 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.00 min

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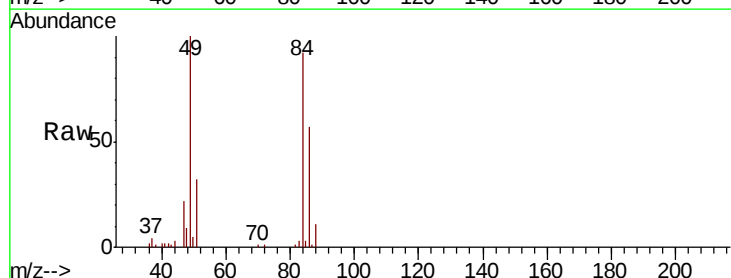
Tgt Ion: 84 Resp: 38815

Ion Ratio Lower Upper

84 100

49 108.2 76.0 141.2

86 61.4 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

4.93

15000

10000

5000

0

Time--> 4.80 4.90 5.00

