

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100819\
 Data File : VV013056.D
 Acq On : 08 Oct 2019 11:13
 Operator : SY/MD
 Sample : VV1008SBL01
 Misc : 5.00G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK75

Quant Time: Oct 09 08:53:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 09 08:34:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	720834	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	715649	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	357600	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	252535	22.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.32%
7) Chloroethane-d5	1.58	69	202353	22.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.52%
10) 1,1-Dichloroethene-d2	2.13	63	359479	19.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.32%
20) 2-Butanone-d5	3.94	46	183590	47.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.08%
24) Chloroform-d	4.40	84	487742	24.63	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.52%
26) 1,2-Dichloroethane-d4	5.08	65	288433	25.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.24%
29) Benzene-d6	5.10	84	1046341	26.19	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.76%
33) 1,2-Dichloropropane-d6	6.12	67	323658	25.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.36%
37) Toluene-d8	7.36	98	938392	25.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.48%
38) trans-1,3-Dichloropropene-	7.66	79	133004	25.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.32%
39) 2-Hexanone-d5	8.13	63	125979	49.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.98%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	277386	23.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.28%
61) 1,2-Dichlorobenzene-d4	11.67	152	383428	27.60	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.40%

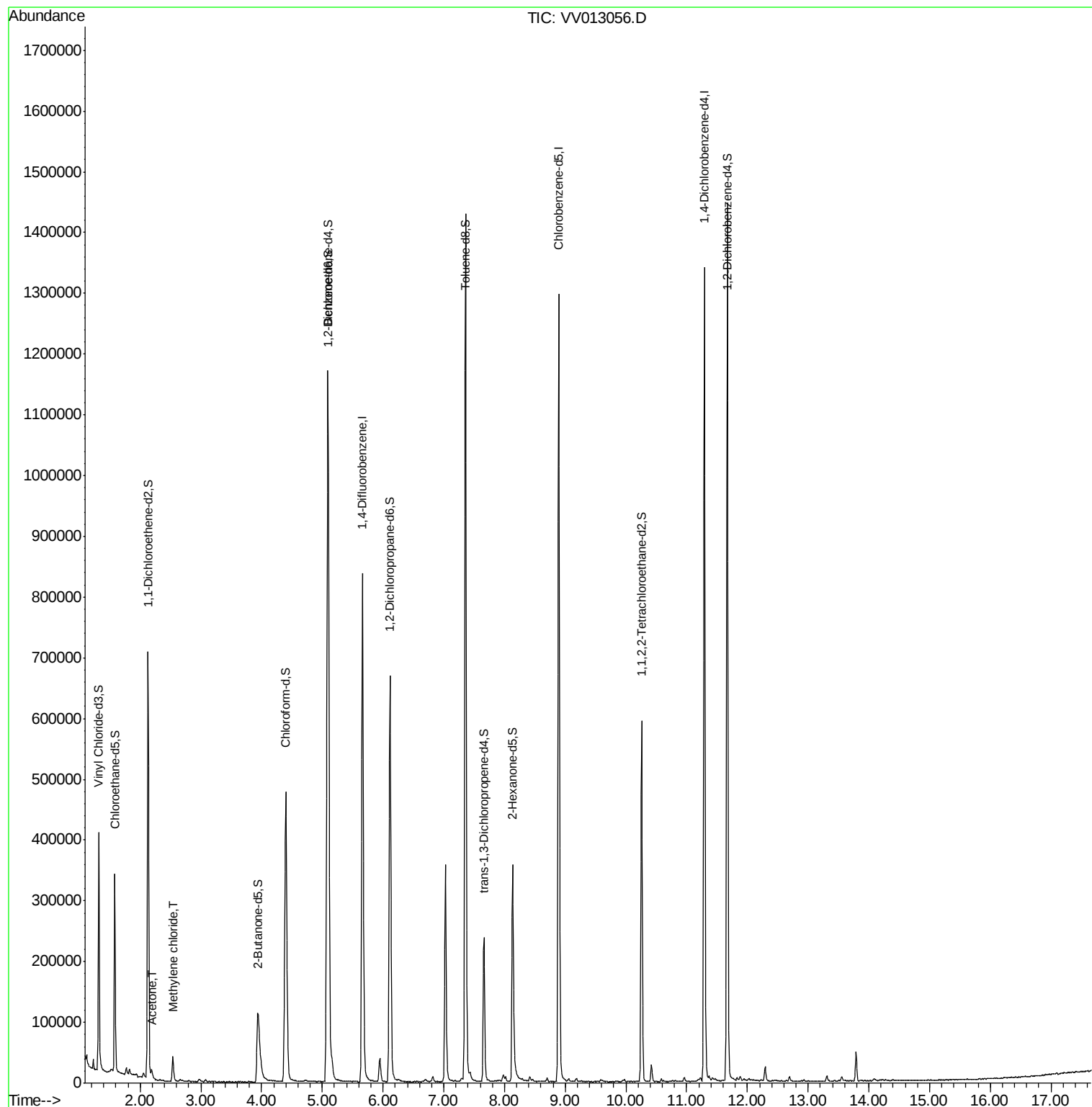
Target Compounds					Ovalue
13) Acetone	2.20	43	7421	1.808 ug/L	100
16) Methylene chloride	2.54	84	15896	1.475 ug/L	94

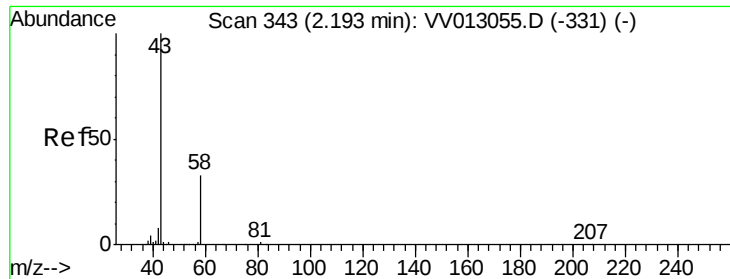
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.808 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.01 min

Lab File: VV013056.D

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Instrument :

MSVOA_V

ClientSampleId :

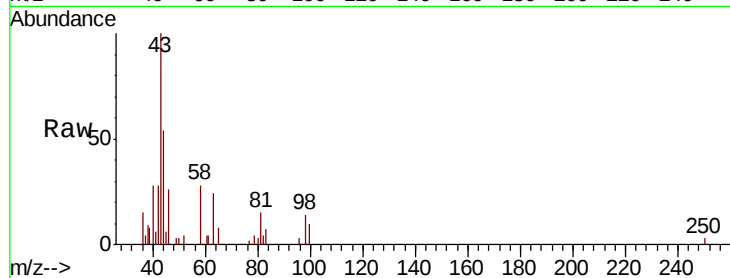
VBLK75

Tot Ion: 43 Resp: 7421

Ion Ratio Lower Upper

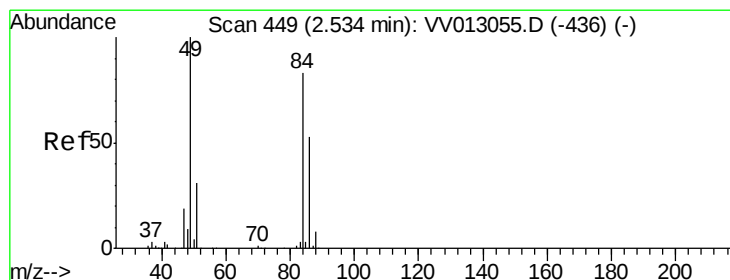
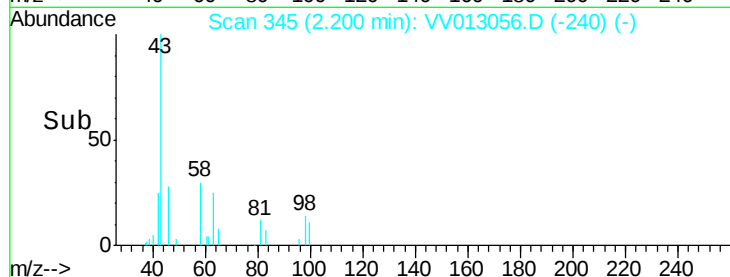
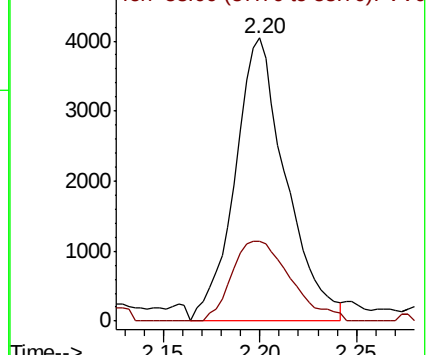
43 100

58 32.5 0.0 65.0



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#16

Methylene chloride

Concen: 1.475 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

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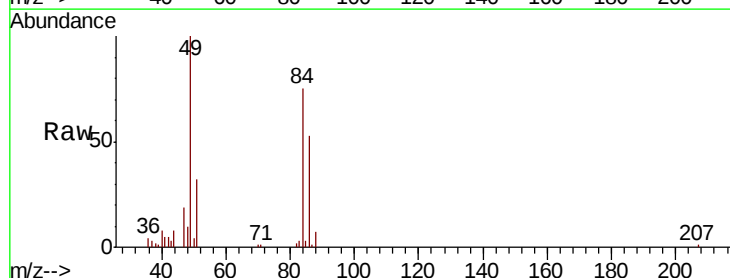
Tgt Ion: 84 Resp: 15896

Ion Ratio Lower Upper

84 100

49 132.7 88.3 164.1

86 70.1 44.9 83.3



Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

