

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092619\
 Data File : VV012990.D
 Acq On : 26 Sep 2019 10:42
 Operator : SY/MD
 Sample : VV0926SBL01
 Misc : 5.00G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK64

Quant Time: Sep 27 02:24:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 27 02:13:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	748790	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	736300	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	357335	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	255238	21.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.88%
7) Chloroethane-d5	1.58	69	213198	22.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.80%
10) 1,1-Dichloroethene-d2	2.13	63	333604	17.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.08%
20) 2-Butanone-d5	3.94	46	181716	45.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.60%
24) Chloroform-d	4.40	84	461991	22.46	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.84%
26) 1,2-Dichloroethane-d4	5.08	65	275489	23.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.16%
29) Benzene-d6	5.10	84	962074	23.40	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.60%
33) 1,2-Dichloropropane-d6	6.11	67	308511	23.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.76%
37) Toluene-d8	7.36	98	859121	23.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.08%
38) trans-1,3-Dichloropropene-	7.66	79	120848	22.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.60%
39) 2-Hexanone-d5	8.14	63	116993	45.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.24%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	268145	21.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.64%
61) 1,2-Dichlorobenzene-d4	11.67	152	342458	24.67	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.68%

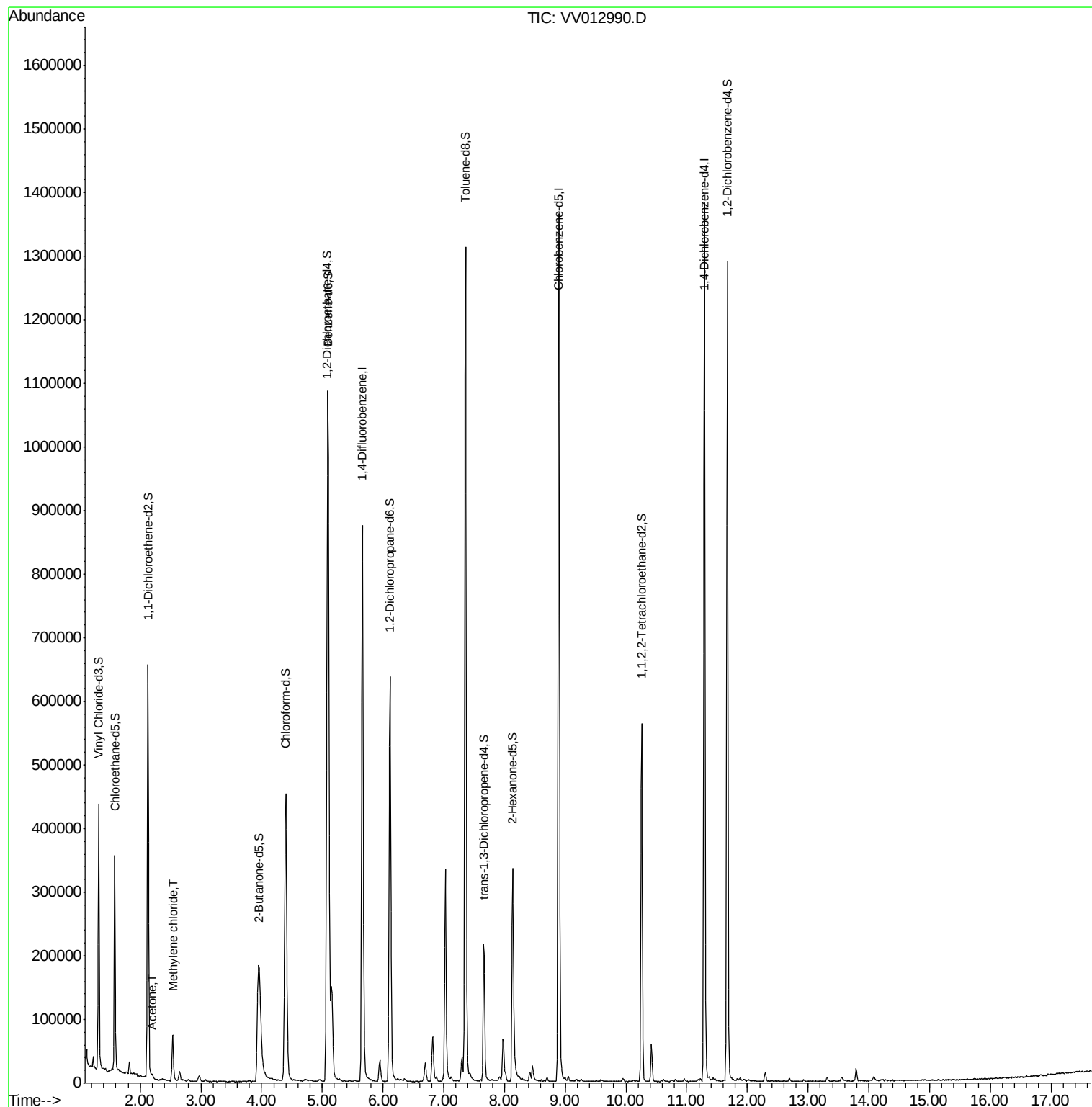
Target Compounds					Ovalue
13) Acetone	2.20	43	7111	1.668 ug/L	98
16) Methylene chloride	2.54	84	28440	2.541 ug/L	98

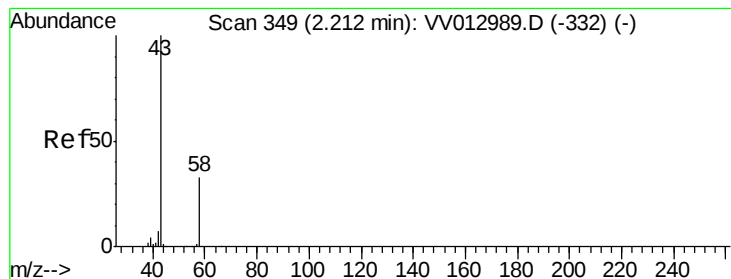
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.668 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.01 min

Lab File: VV012990.D

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Instrument :

MSVOA_V

ClientSampleId :

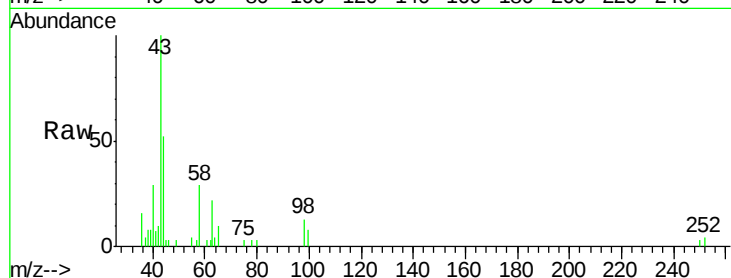
VBLK64

Tot Ion: 43 Resp: 7111

Ion Ratio Lower Upper

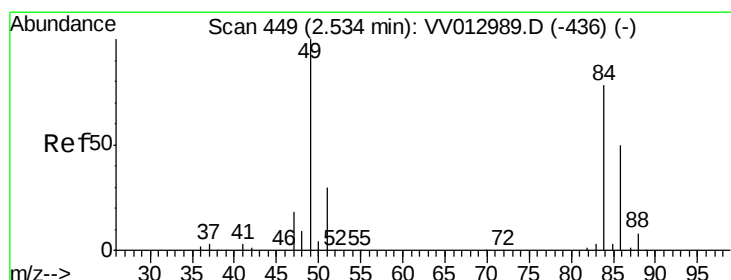
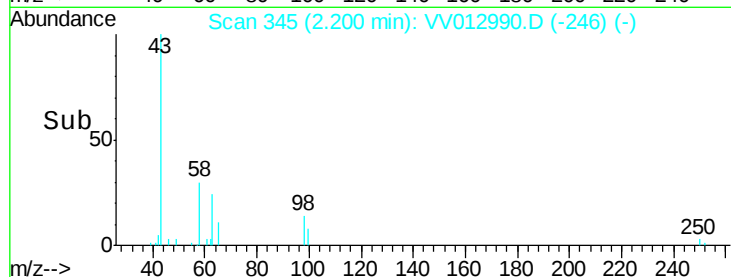
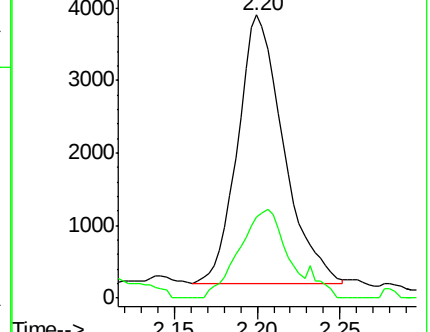
43 100

58 33.4 0.0 65.0



Abundance Ion 43.00 (42.70 to 43.70): VV012989.D (-332) (-)

Ion 58.00 (57.70 to 58.70): VV012989.D (-332) (-)



#16

Methylene chloride

Concen: 2.541 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

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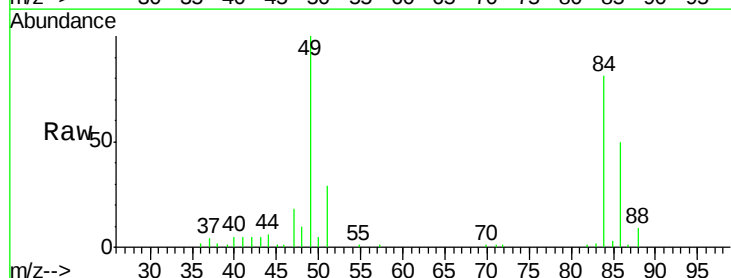
Tgt Ion: 84 Resp: 28440

Ion Ratio Lower Upper

84 100

49 124.2 88.3 164.1

86 62.1 44.9 83.3



Abundance Ion 84.00 (83.70 to 84.70): VV012989.D (-436) (-)

Ion 49.00 (48.70 to 49.70): VV012989.D (-436) (-)

Ion 86.00 (85.70 to 86.70): VV012989.D (-436) (-)

