

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100919\
 Data File : VV013066.D
 Acq On : 09 Oct 2019 10:45
 Operator : SY/MD
 Sample : VV1009SBL01
 Misc : 5.00G/10ML/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK76

Quant Time: Oct 10 07:56:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 10 07:47:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	689083	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	668923	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	331785	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	243578	22.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.12%
7) Chloroethane-d5	1.58	69	207271	23.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.92%
10) 1,1-Dichloroethene-d2	2.13	63	350119	19.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.76%
20) 2-Butanone-d5	3.96	46	178959	48.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.96%
24) Chloroform-d	4.40	84	478255	25.26	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.04%
26) 1,2-Dichloroethane-d4	5.08	65	275052	25.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.00%
29) Benzene-d6	5.09	84	1025570	27.46	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.84%
33) 1,2-Dichloropropane-d6	6.11	67	318425	27.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.80%
37) Toluene-d8	7.36	98	927207	27.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.40%
38) trans-1,3-Dichloropropene-	7.66	79	127403	25.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.80%
39) 2-Hexanone-d5	8.14	63	116786	49.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.14%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	266758	23.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.96%
61) 1,2-Dichlorobenzene-d4	11.67	152	368995	28.62	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	114.48%

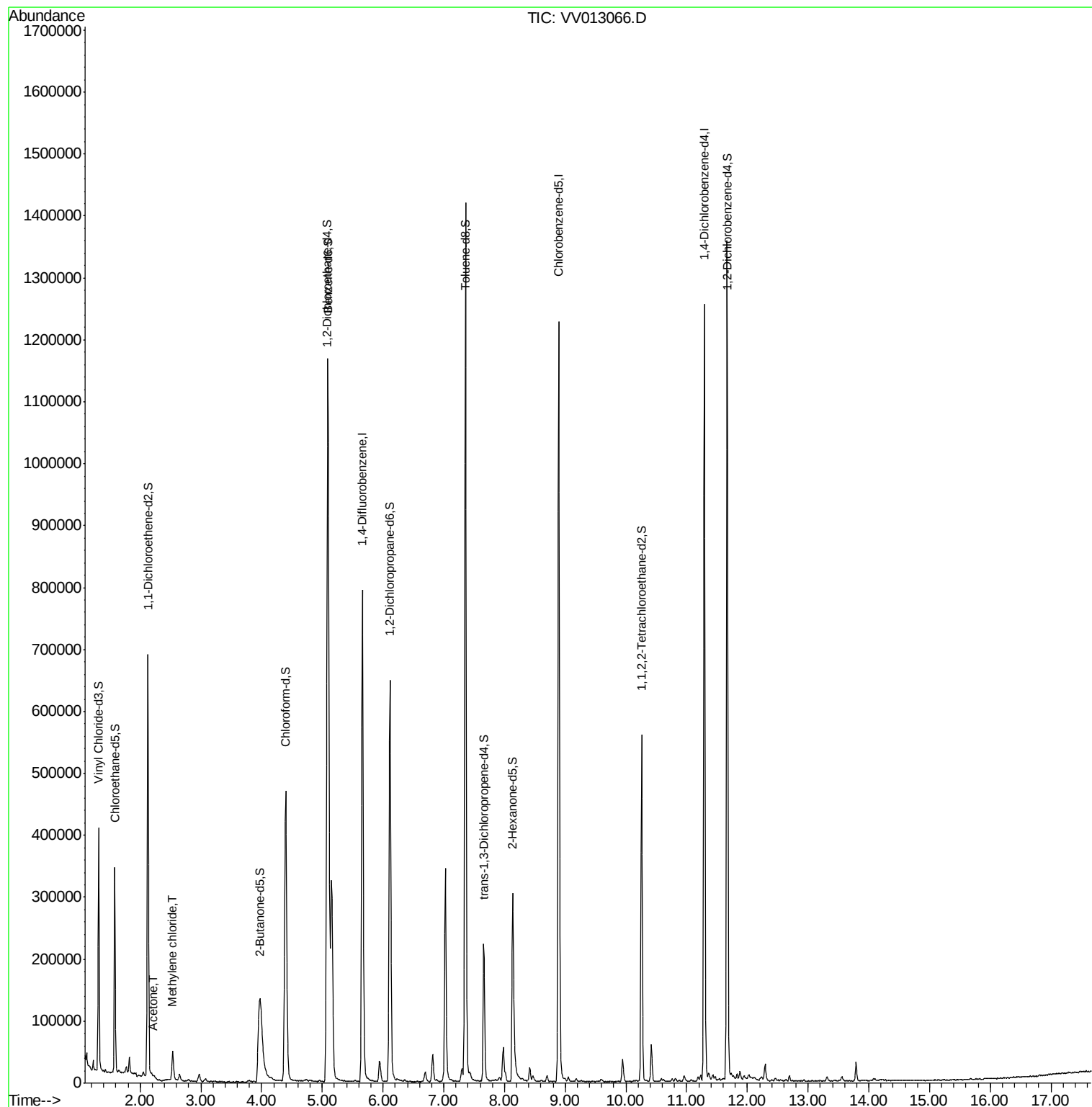
Target Compounds					Qvalue
13) Acetone	2.23	43	11446	2.917 ug/L	65
16) Methylene chloride	2.53	84	17164	1.666 ug/L	98

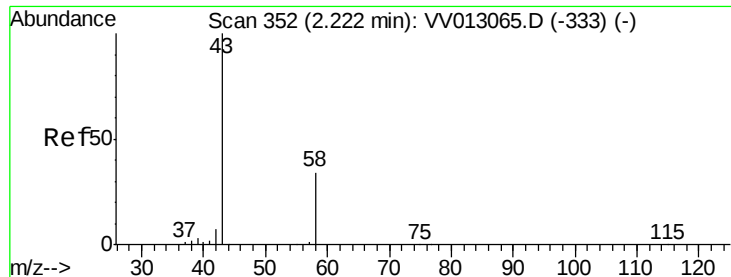
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.917 ug/L

RT: 2.23 min Scan# 353

Delta R.T. 0.00 min

Lab File: VV013066.D

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Instrument :

MSVOA_V

ClientSampleId :

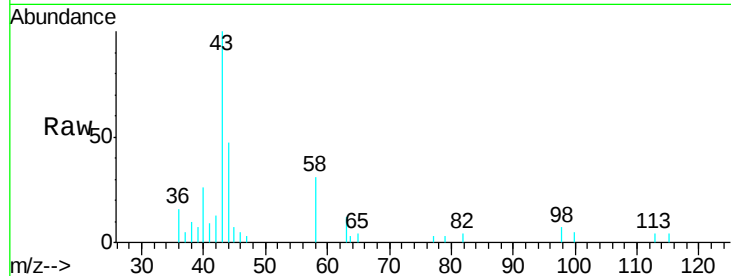
VBLK76

Tgt Ion: 43 Resp: 11446

Ion Ratio Lower Upper

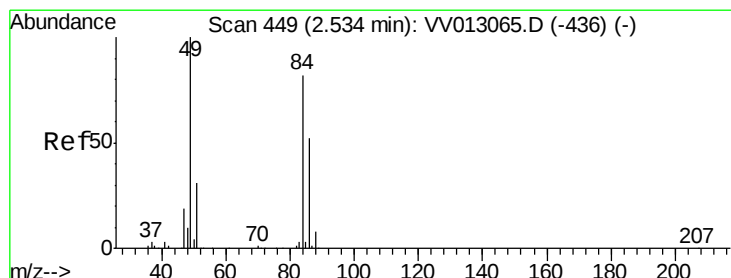
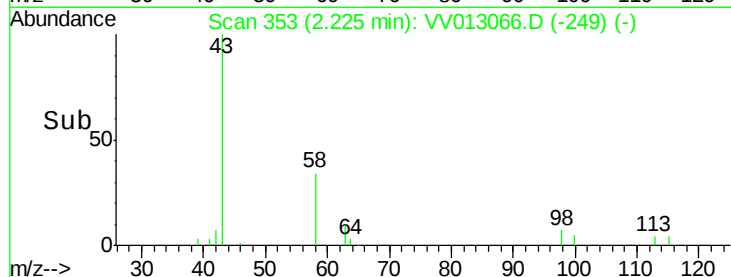
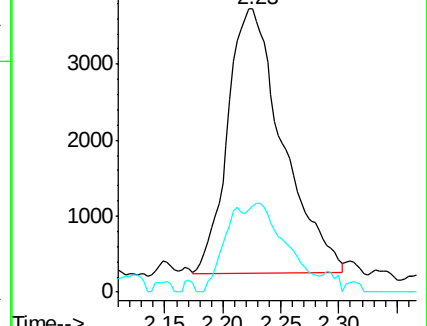
43 100

58 13.0 0.0 65.0



Abundance Ion 43.00 (42.70 to 43.70): VV013065.D (-333) (-)

Ion 58.00 (57.70 to 58.70): VV013065.D (-333) (-)



#16

Methylene chloride

Concen: 1.666 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV013066.D

Acq: 09 Oct 2019 10:45

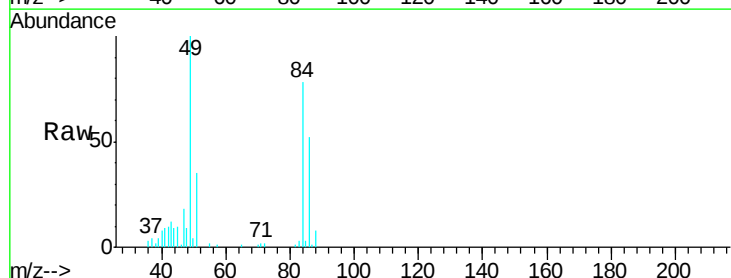
Tgt Ion: 84 Resp: 17164

Ion Ratio Lower Upper

84 100

49 128.4 88.3 164.1

86 66.7 44.9 83.3



Abundance Ion 84.00 (83.70 to 84.70): VV013065.D (-436) (-)

Ion 49.00 (48.70 to 49.70): VV013065.D (-436) (-)

Ion 86.00 (85.70 to 86.70): VV013065.D (-436) (-)

