

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092719\
 Data File : VV013004.D
 Acq On : 27 Sep 2019 10:57
 Operator : SY/MD
 Sample : VV0927SBL01
 Misc : 5.00G/10ML/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK65

Quant Time: Sep 27 22:56:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 27 22:50:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	818061	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	783546	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	377915	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	265512	20.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.68%
7) Chloroethane-d5	1.58	69	230291	22.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.76%
10) 1,1-Dichloroethene-d2	2.13	63	357514	16.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.76%
20) 2-Butanone-d5	3.94	46	167844	38.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.60%
24) Chloroform-d	4.40	84	481914	21.44	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.76%
26) 1,2-Dichloroethane-d4	5.08	65	274180	20.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.96%
29) Benzene-d6	5.09	84	1010050	23.09	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.36%
33) 1,2-Dichloropropane-d6	6.11	67	314829	22.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.84%
37) Toluene-d8	7.36	98	904809	22.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.12%
38) trans-1,3-Dichloropropene-	7.66	79	120112	20.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.76%
39) 2-Hexanone-d5	8.13	63	108318	39.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.50%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	253473	19.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.84%
61) 1,2-Dichlorobenzene-d4	11.67	152	349081	23.77	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.08%

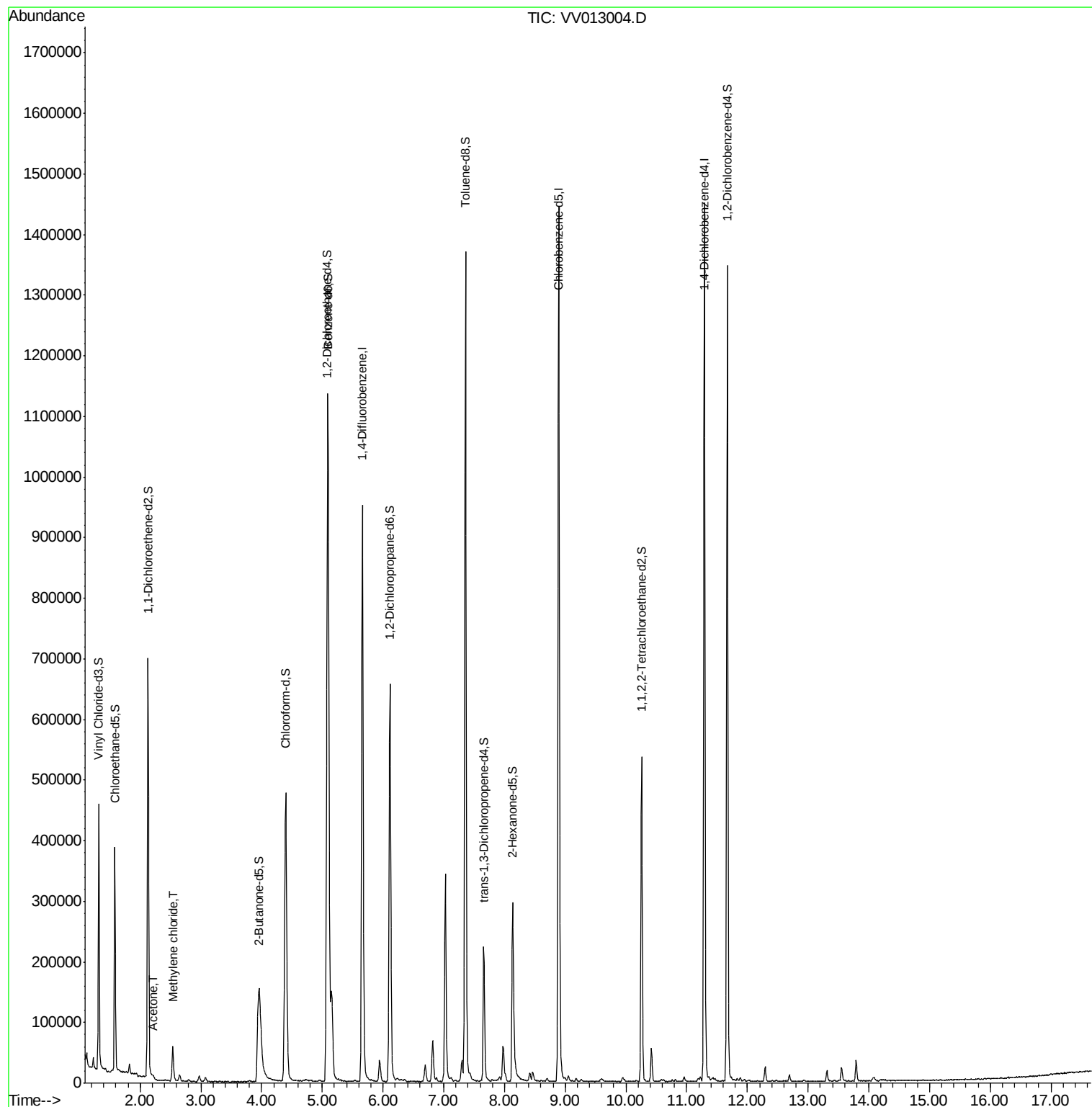
Target Compounds					Qvalue
13) Acetone	2.21	43	7348	1.577 ug/L	82
16) Methylene chloride	2.54	84	22355	1.828 ug/L	98

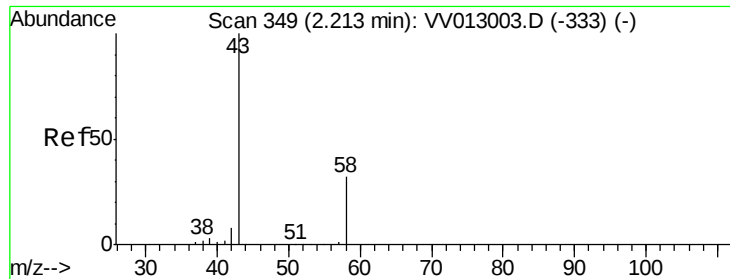
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.577 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.00 min

Lab File: VV013004.D

Acq: 27 Sep 2019 10:57

Instrument :

MSVOA_V

ClientSampleId :

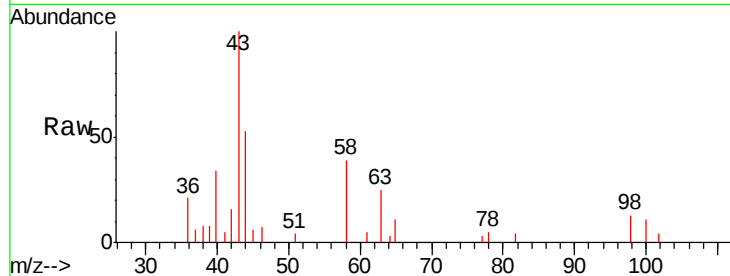
VBLK65

Tgt Ion: 43 Resp: 7348

Ion Ratio Lower Upper

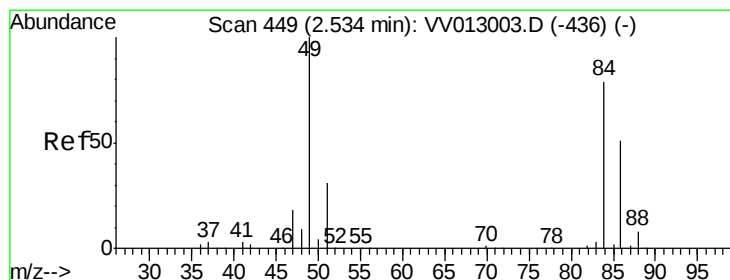
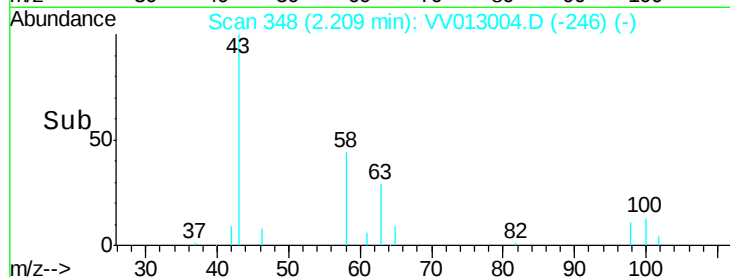
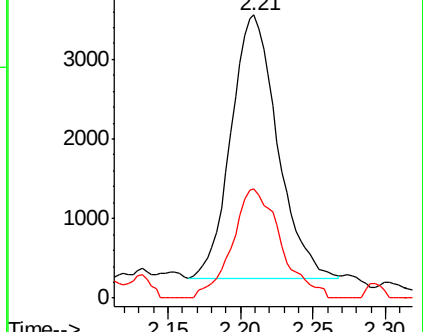
43 100

58 42.7 0.0 65.0



Abundance Ion 43.00 (42.70 to 43.70): VV013003.D (-333) (-)

Ion 58.00 (57.70 to 58.70): VV013003.D (-333) (-)



#16

Methylene chloride

Concen: 1.828 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

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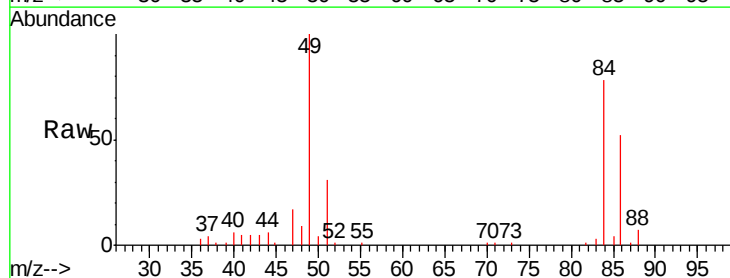
Tgt Ion: 84 Resp: 22355

Ion Ratio Lower Upper

84 100

49 128.0 88.3 164.1

86 67.0 44.9 83.3



Abundance Ion 84.00 (83.70 to 84.70): VV013003.D (-436) (-)

Ion 49.00 (48.70 to 49.70): VV013003.D (-436) (-)

Ion 86.00 (85.70 to 86.70): VV013003.D (-436) (-)

