

Data File : VV013006.D
Acq On : 27 Sep 2019 11:52
Operator : SY/MD
Sample : K4958-05
Misc : 5.01G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Sep 27 22:53:54 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	698347	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	683837	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	324716	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	241702	22.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.24%
7) Chloroethane-d5	1.58	69	204703	23.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.48%
10) 1,1-Dichloroethene-d2	2.13	63	316027	17.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.16%
20) 2-Butanone-d5	3.94	46	195305	52.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.40%
24) Chloroform-d	4.40	84	432200	22.53	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.12%
26) 1,2-Dichloroethane-d4	5.08	65	253108	22.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.80%
29) Benzene-d6	5.10	84	896516	23.48	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.92%
33) 1,2-Dichloropropane-d6	6.12	67	283316	23.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.68%
37) Toluene-d8	7.36	98	804802	23.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.88%
38) trans-1,3-Dichloropropene-	7.66	79	111399	21.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.92%
39) 2-Hexanone-d5	8.14	63	124413	51.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.32%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	261885	23.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.16%
61) 1,2-Dichlorobenzene-d4	11.67	152	320511	25.40	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.60%

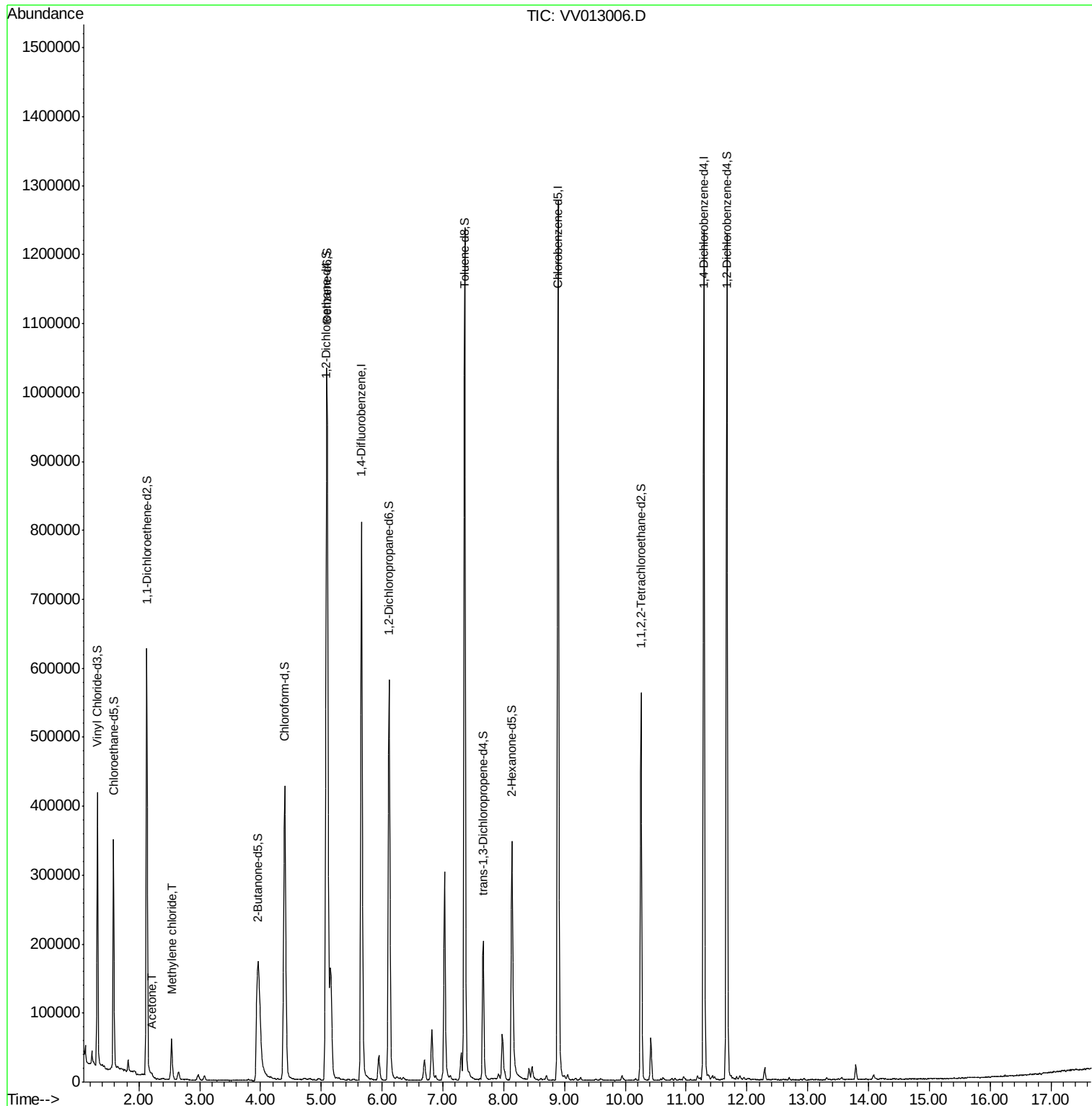
Target Compounds					Qvalue
13) Acetone	2.21	43	6982	1.756 ug/L	91
16) Methylene chloride	2.54	84	22145	2.122 ug/L	90

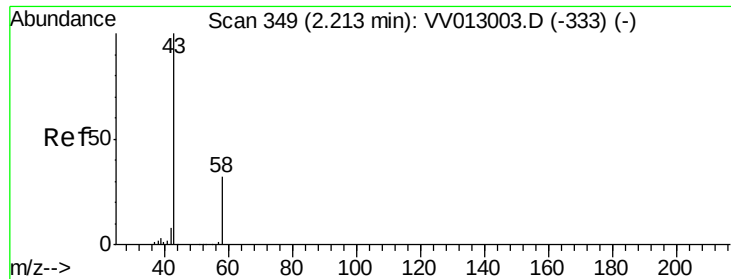
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.756 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

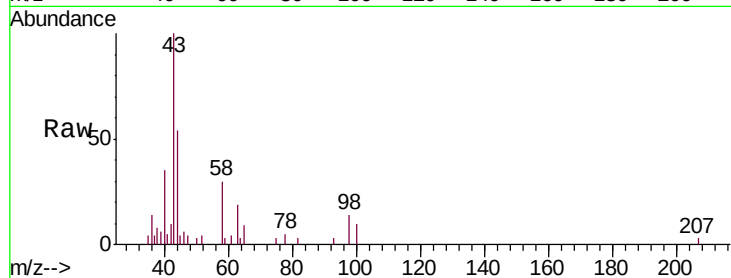
VHBLK01

Tgt Ion: 43 Resp: 6982

Ion Ratio Lower Upper

43 100

58 37.3 0.0 65.0



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2.21

4000

3000

2000

1000

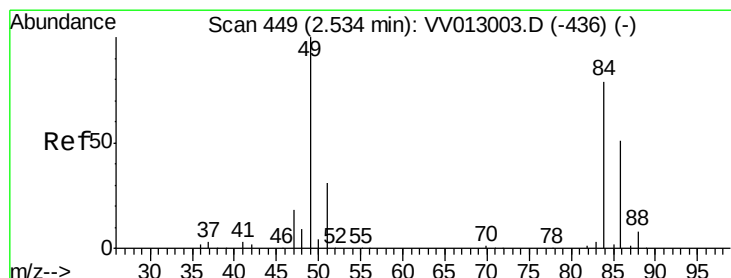
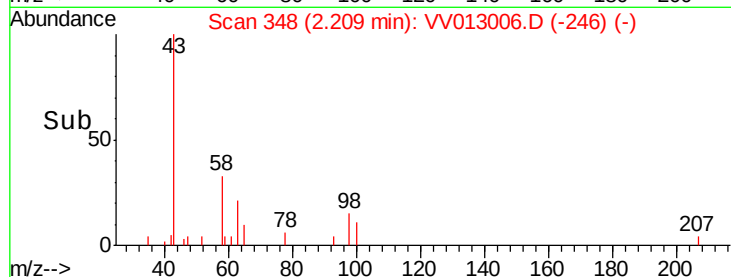
0

Time-->

2.15

2.20

2.25



#16

Methylene chloride

Concen: 2.122 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

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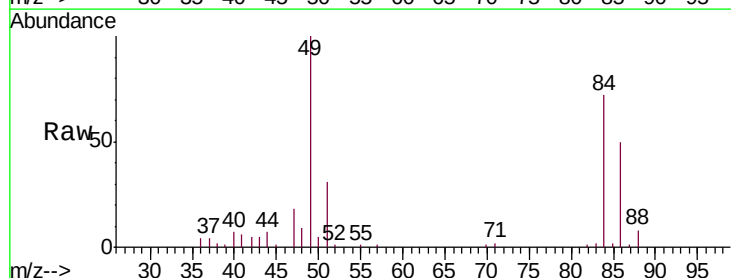
Tgt Ion: 84 Resp: 22145

Ion Ratio Lower Upper

84 100

49 138.7 88.3 164.1

86 70.0 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

25000

20000

15000

10000

5000

0

Time-->

2.50

2.55

2.60

