

Data File : VV010001.D
Acq On : 29 Mar 2019 15:09
Operator : SY/MD
Sample : K2068-23
Misc : 6.10G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF5K4

Quant Time: Mar 30 04:45:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 30 04:13:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	153943	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	139092	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	48584	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	69614	22.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.12%
7) Chloroethane-d5	1.56	69	78214	23.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.72%
10) 1,1-Dichloroethene-d2	2.12	63	158639	18.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.24%
20) 2-Butanone-d5	3.93	46	27240	46.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.58%
24) Chloroform-d	4.40	84	100613	25.65	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.60%
26) 1,2-Dichloroethane-d4	5.08	65	59276	25.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.44%
29) Benzene-d6	5.10	84	197241	27.00	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.00%
33) 1,2-Dichloropropane-d6	6.12	67	59852	28.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.04%
37) Toluene-d8	7.36	98	165600	23.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.80%
38) trans-1,3-Dichloropropene-	7.66	79	17660	20.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.80%
39) 2-Hexanone-d5	8.13	63	19936	49.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.96%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	50227	23.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.96%
61) 1,2-Dichlorobenzene-d4	11.67	152	45927	24.83	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.32%

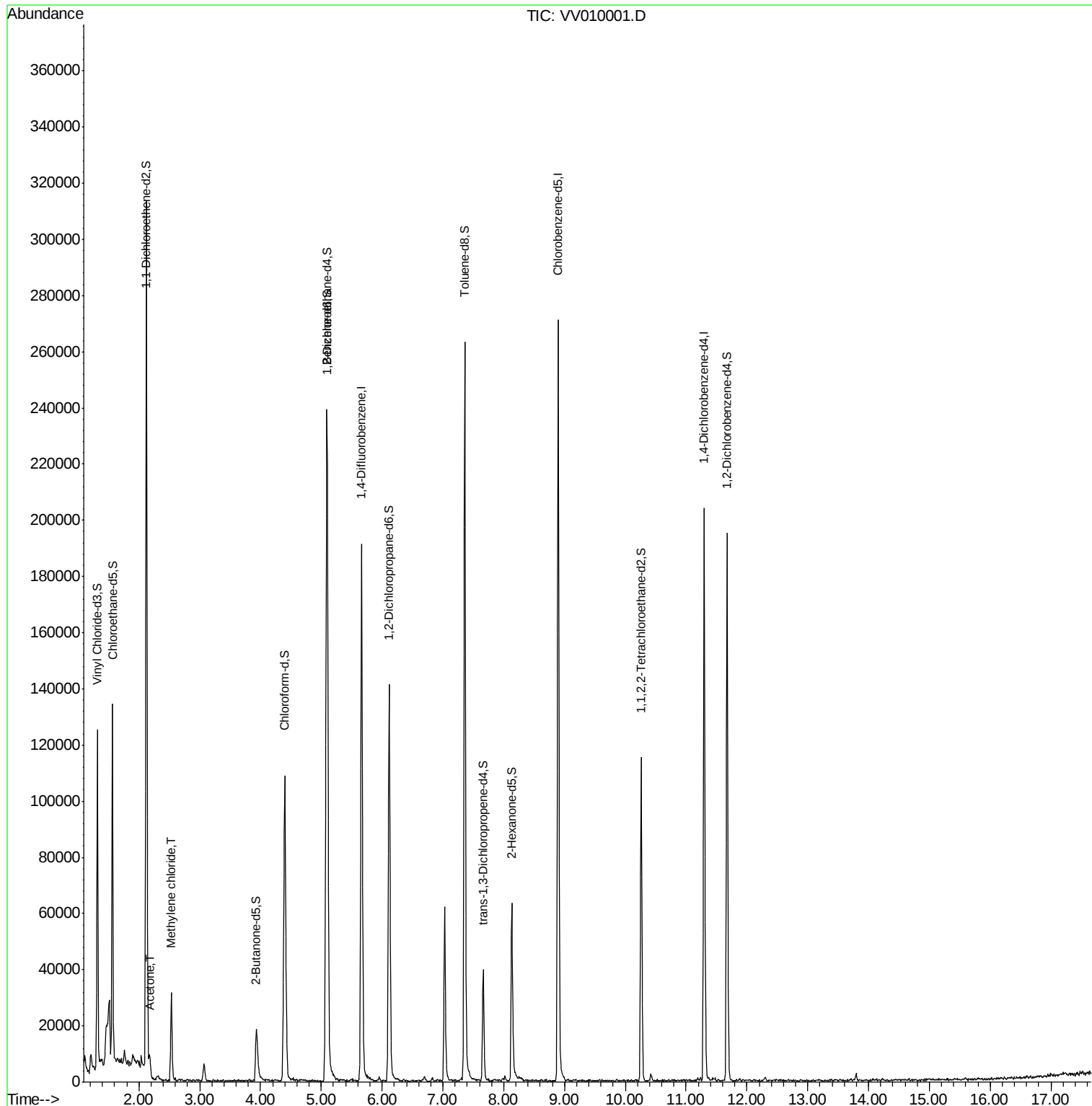
Target Compounds					Qvalue
13) Acetone	2.19	43	3471	3.938 ug/L	96
16) Methylene chloride	2.53	84	12040	4.749 ug/L	91

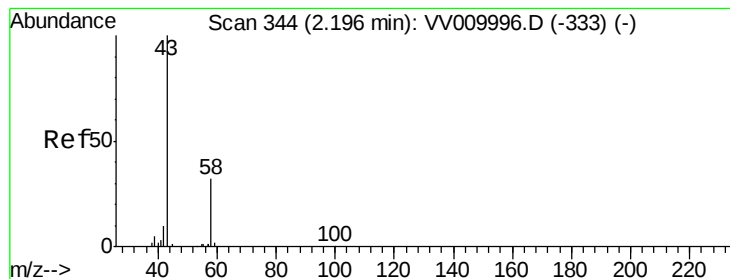
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.938 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

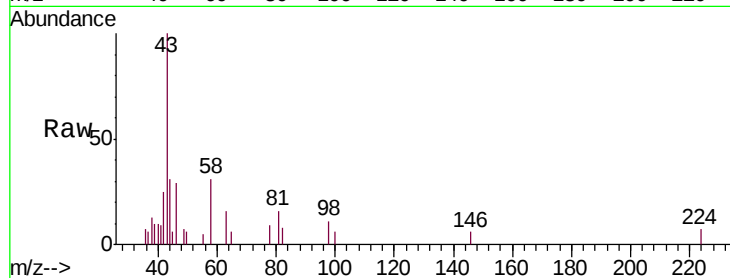
BF5K4

Tgt Ion: 43 Resp: 3471

Ion Ratio Lower Upper

43 100

58 27.4 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2000

1500

1000

500

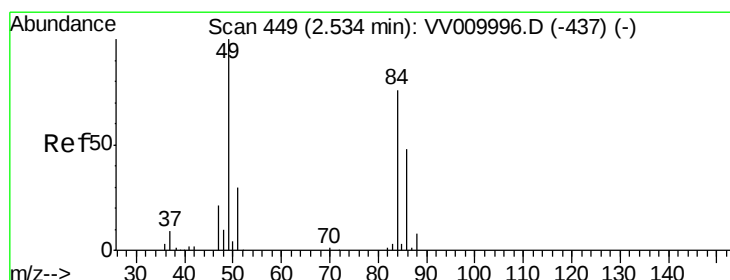
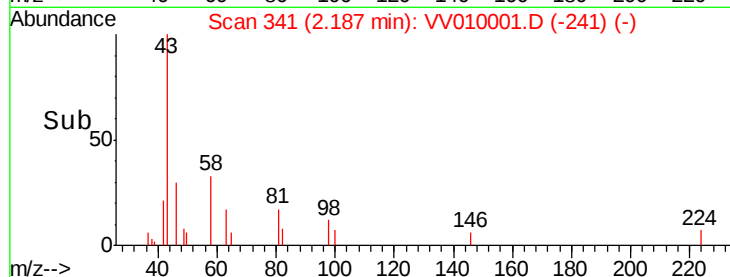
0

2.15

2.20

2.25

Time-->



#16

Methylene chloride

Concen: 4.749 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

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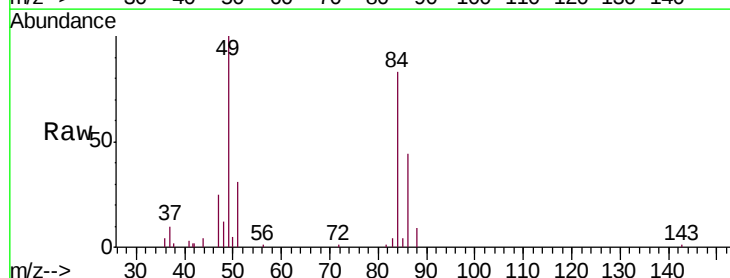
Tgt Ion: 84 Resp: 12040

Ion Ratio Lower Upper

84 100

49 120.5 90.4 167.8

86 52.5 44.0 81.6



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

12000

10000

8000

6000

4000

2000

0

2.50

2.55

2.60

Time-->

