

Data File : VV010002.D
Acq On : 29 Mar 2019 15:35
Operator : SY/MD
Sample : K2068-24
Misc : 5.24G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF5K5

Quant Time: Mar 30 04:48:36 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	5.67	114	144191	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	137814	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	51919	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	67806	23.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.68%
7) Chloroethane-d5	1.57	69	79413	25.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.52%
10) 1,1-Dichloroethene-d2	2.13	63	156219	19.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.08%
20) 2-Butanone-d5	3.93	46	38344	70.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	140.64%#
24) Chloroform-d	4.40	84	100177	27.27	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.08%
26) 1,2-Dichloroethane-d4	5.08	65	66813	30.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	120.88%
29) Benzene-d6	5.10	84	202323	27.96	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.84%
33) 1,2-Dichloropropane-d6	6.12	67	61468	29.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.12%
37) Toluene-d8	7.36	98	172713	25.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.84%
38) trans-1,3-Dichloropropene-	7.66	79	21611	24.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.80%
39) 2-Hexanone-d5	8.13	63	26814	67.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	135.70%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	60515	28.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.48%
61) 1,2-Dichlorobenzene-d4	11.67	152	51691	26.15	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.60%

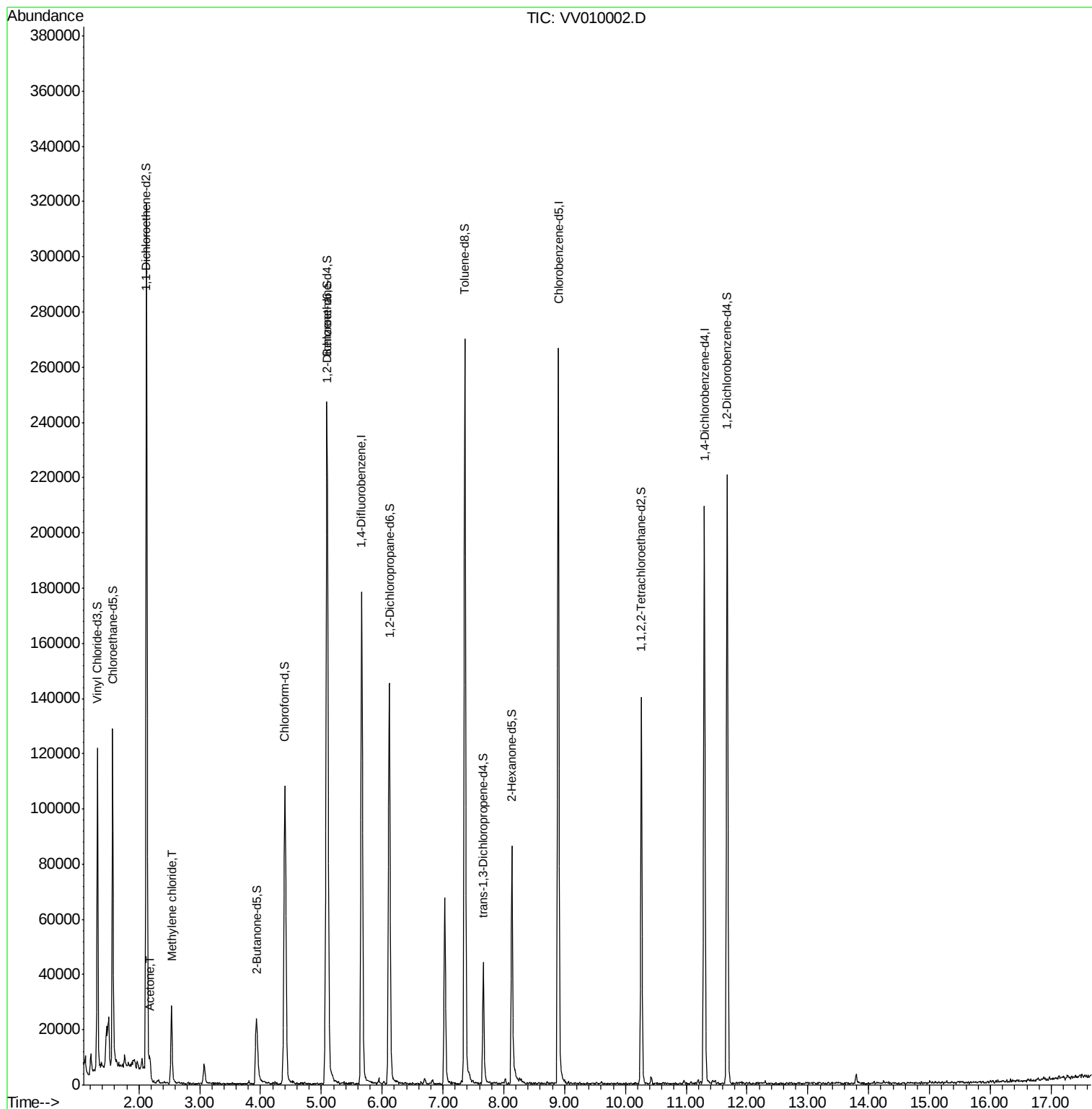
Target Compounds					Qvalue
13) Acetone	2.18	43	4851	5.876 ug/L	72
16) Methylene chloride	2.54	84	10913	4.596 ug/L	92

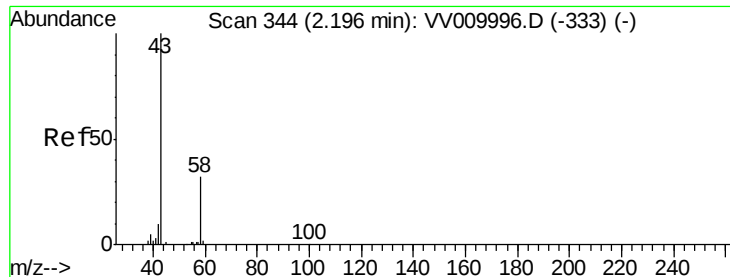
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.876 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

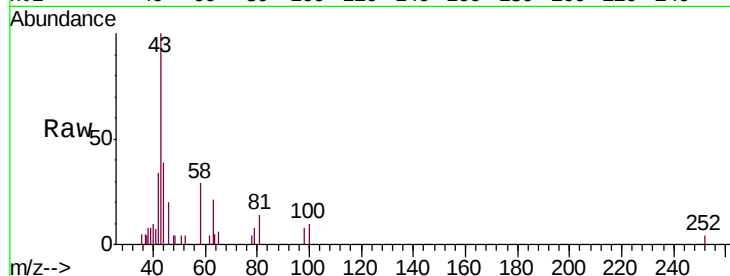
BF5K5

Tgt Ion: 43 Resp: 4851

Ion Ratio Lower Upper

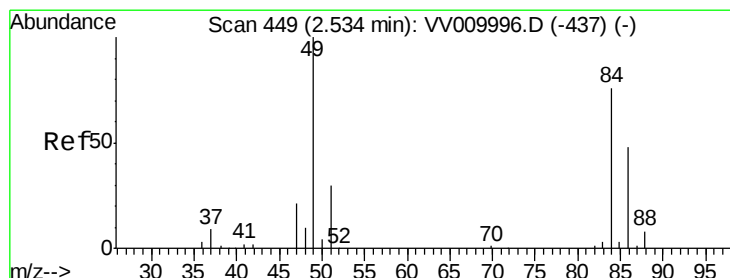
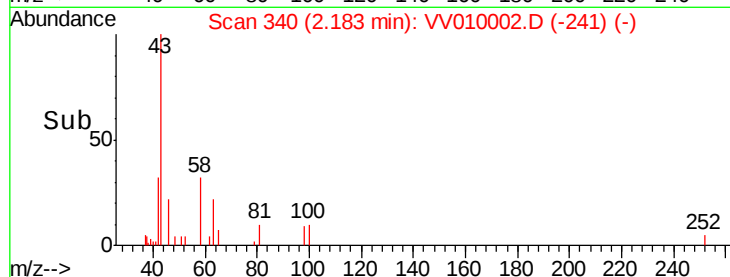
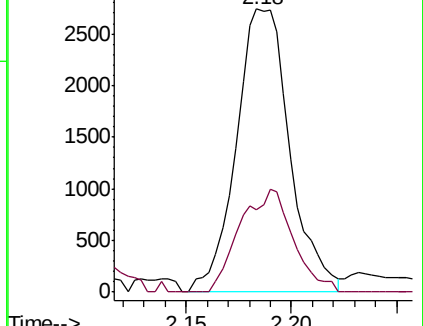
43 100

58 14.6 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#16

Methylene chloride

Concen: 4.596 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

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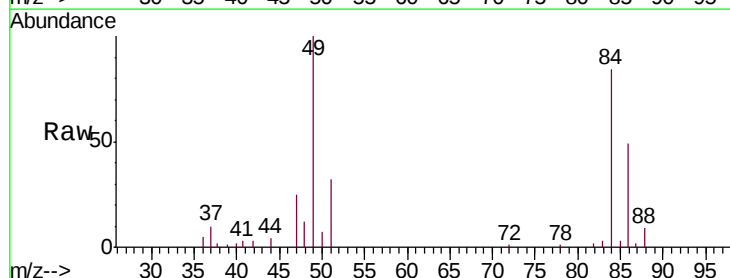
Tgt Ion: 84 Resp: 10913

Ion Ratio Lower Upper

84 100

49 119.2 90.4 167.8

86 58.7 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

