

Data File : VV010009.D
Acq On : 29 Mar 2019 18:39
Operator : SY/MD
Sample : K2149-05
Misc : 4.70G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF5H4

Quant Time: Mar 30 05:09:08 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	125540	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	115796	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	41832	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	53480	20.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.96%
7) Chloroethane-d5	1.57	69	62710	22.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.16%
10) 1,1-Dichloroethene-d2	2.12	63	121294	17.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.64%
20) 2-Butanone-d5	3.93	46	25082	52.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.66%
24) Chloroform-d	4.40	84	64286	20.10	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.40%
26) 1,2-Dichloroethane-d4	5.08	65	48547	25.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.88%
29) Benzene-d6	5.10	84	148295	24.39	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.56%
33) 1,2-Dichloropropane-d6	6.12	67	47693	26.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.24%
37) Toluene-d8	7.36	98	126549	21.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.96%
38) trans-1,3-Dichloropropene-	7.66	79	15068	20.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.80%
39) 2-Hexanone-d5	8.13	63	16665	50.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.36%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	43160	24.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.00%
61) 1,2-Dichlorobenzene-d4	11.67	152	38166	23.96	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.84%

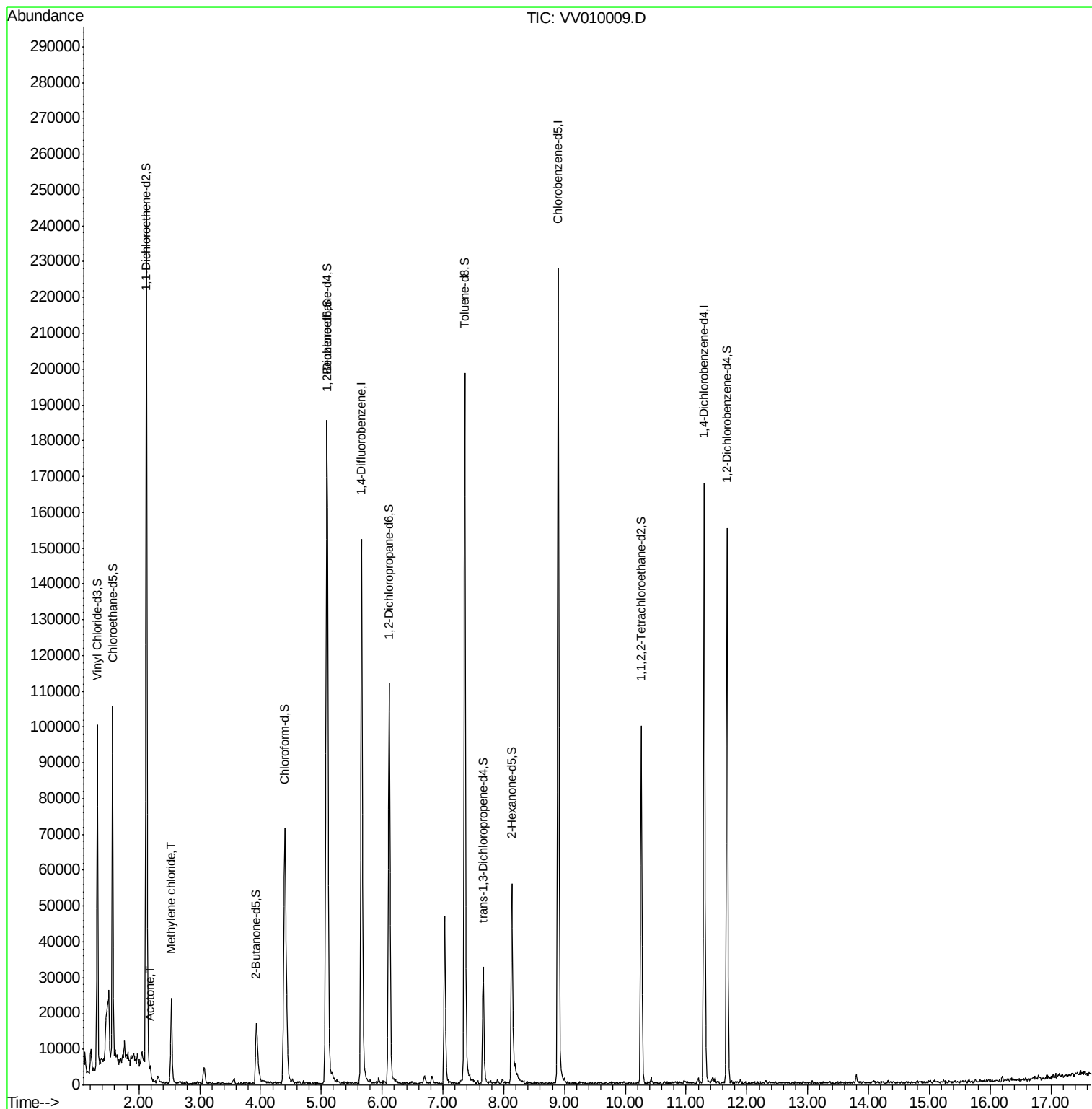
Target Compounds					Qvalue
13) Acetone	2.19	43	2598	3.615 ug/L	93
16) Methylene chloride	2.53	84	9087	4.395 ug/L	88

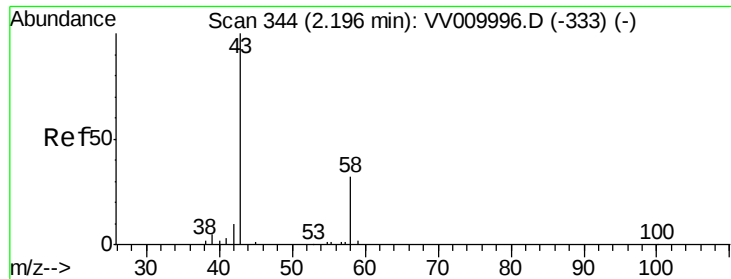
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.615 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

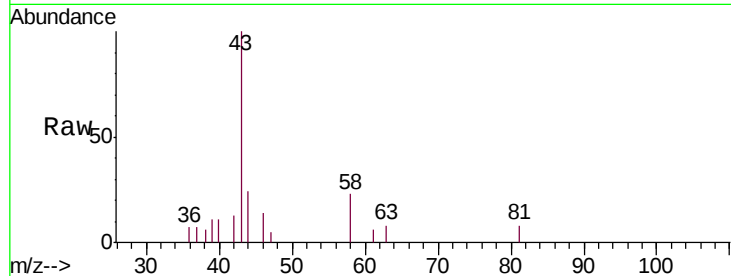
BF5H4

Tgt Ion: 43 Resp: 2598

Ion Ratio Lower Upper

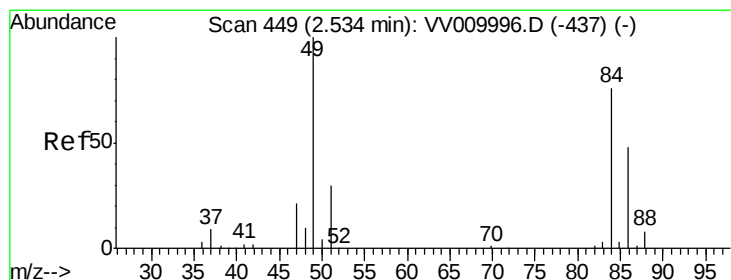
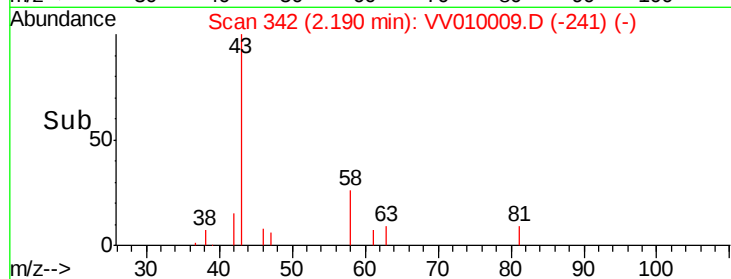
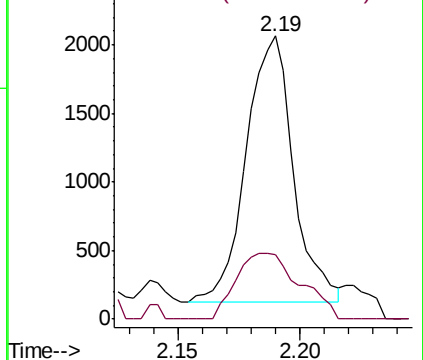
43 100

58 33.4 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: 4.395 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

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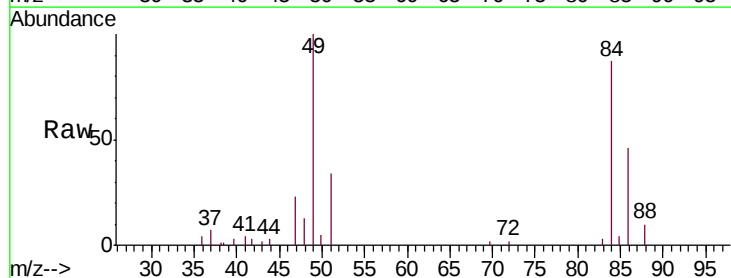
Tgt Ion: 84 Resp: 9087

Ion Ratio Lower Upper

84 100

49 115.4 90.4 167.8

86 52.7 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

