

Data File : VV010006.D
Acq On : 29 Mar 2019 17:20
Operator : SY/MD
Sample : K2084-04RE
Misc : 3.65G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF7W6RE

Quant Time: Mar 30 05:00:45 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	137040	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	118922	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	34389	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	68689	24.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.80%
7) Chloroethane-d5	1.57	69	78591	26.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.68%
10) 1,1-Dichloroethene-d2	2.13	63	154041	20.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.00%
20) 2-Butanone-d5	3.93	46	21246	41.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.00%
24) Chloroform-d	4.40	84	88011	25.21	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.84%
26) 1,2-Dichloroethane-d4	5.08	65	61943	29.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	117.92%
29) Benzene-d6	5.10	84	191815	30.71	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	122.84%
33) 1,2-Dichloropropane-d6	6.12	67	61446	33.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	134.52%#
37) Toluene-d8	7.36	98	158135	26.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.00%
38) trans-1,3-Dichloropropene-	7.66	79	13035	17.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.76%
39) 2-Hexanone-d5	8.13	63	13287	38.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.92%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	42683	23.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.36%
61) 1,2-Dichlorobenzene-d4	11.68	152	33613	25.67	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.68%

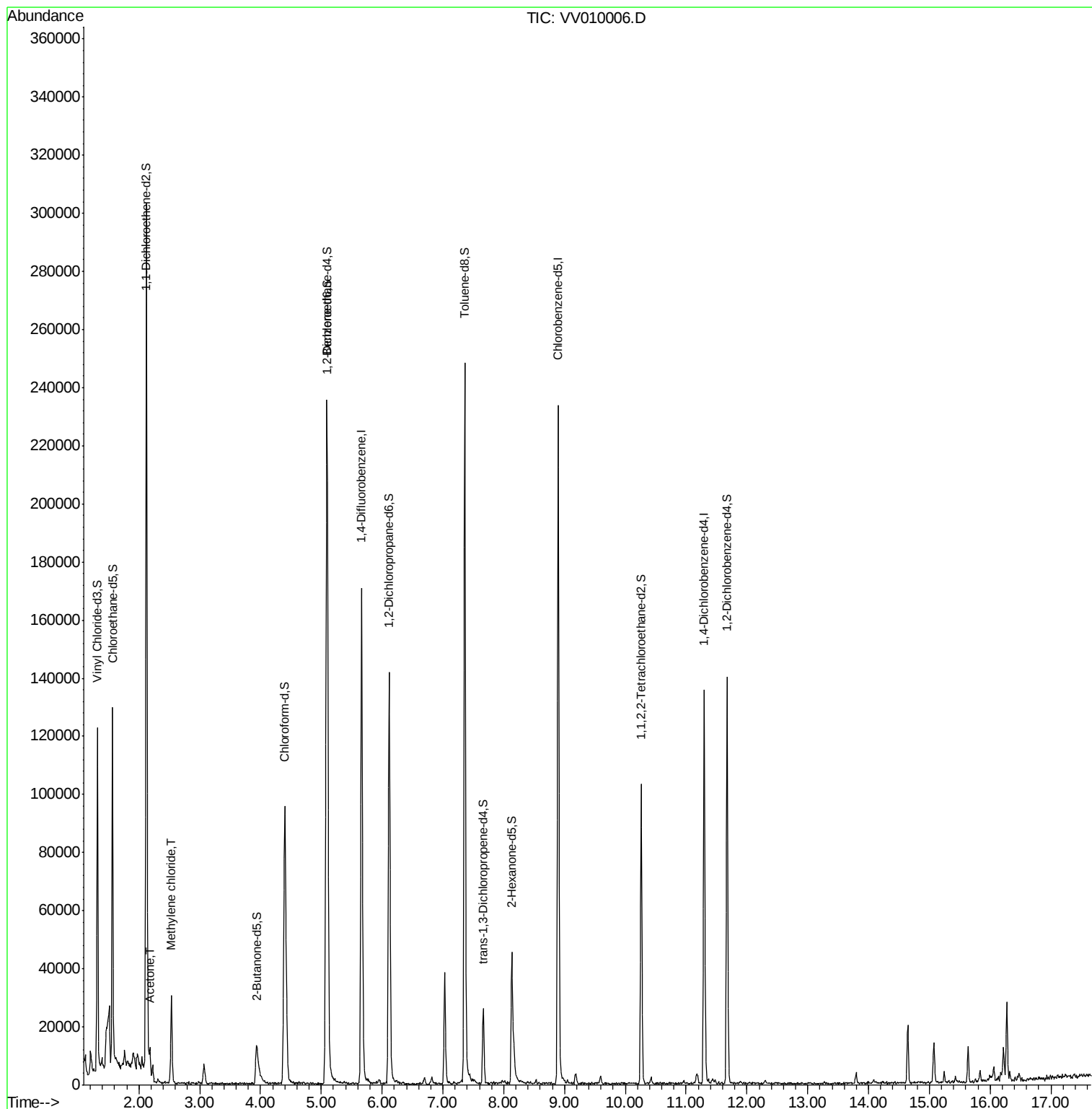
Target Compounds						Qvalue
13) Acetone	2.18	43	5579	7.111	ug/L	93
16) Methylene chloride	2.53	84	11979	5.308	ug/L	96

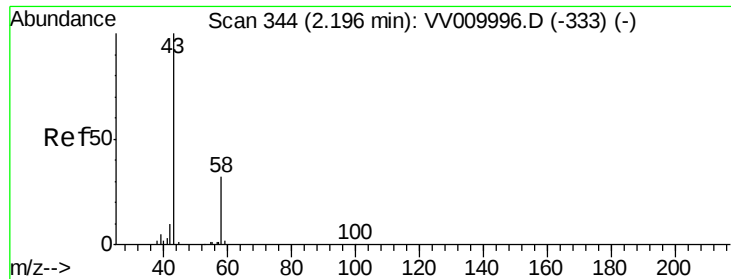
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.111 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

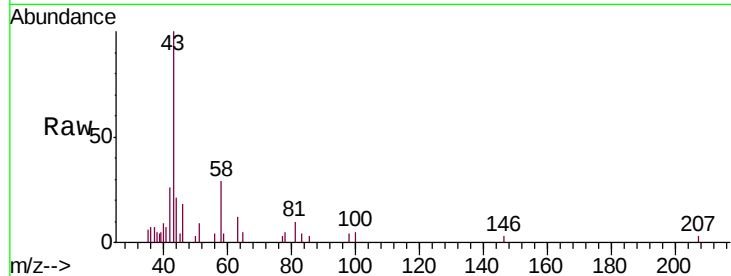
BF7W6RE

Tgt Ion: 43 Resp: 5579

Ion Ratio Lower Upper

43 100

58 33.2 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2.18

4000

3000

2000

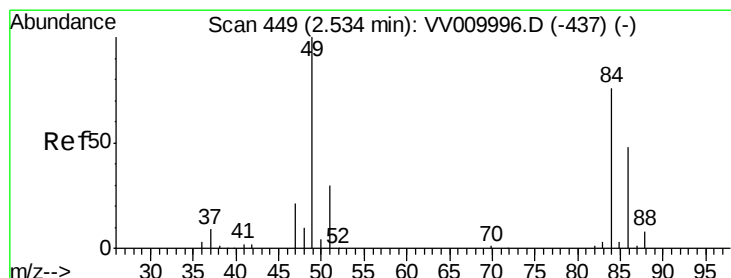
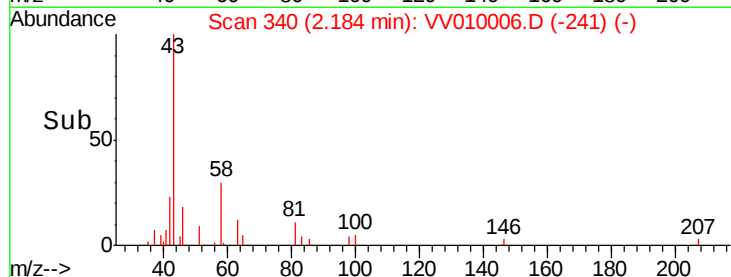
1000

0

Time-->

2.15

2.20



#16

Methylene chloride

Concen: 5.308 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

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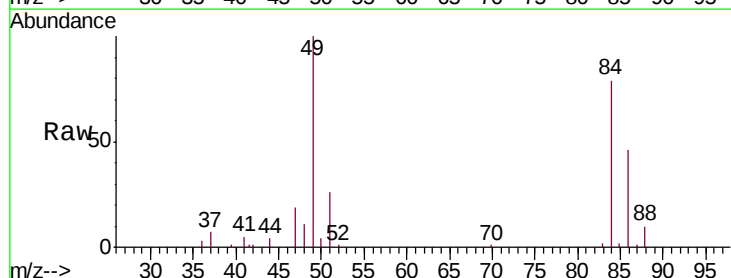
Tgt Ion: 84 Resp: 11979

Ion Ratio Lower Upper

84 100

49 125.8 90.4 167.8

86 58.1 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

Time-->

2.50

2.55

2.60

