

Data File : VV011108.D
Acq On : 29 May 2019 15:46
Operator : SY/MD
Sample : K3006-20
Misc : 4.98G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFHC7

Quant Time: May 30 03:56:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis
QLast Update : Thu May 30 03:51:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	356433	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	312758	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	117255	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	115575	23.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.60%
7) Chloroethane-d5	1.57	69	94853	27.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.80%
10) 1,1-Dichloroethene-d2	2.12	63	183513	20.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.76%
20) 2-Butanone-d5	3.94	46	58098	34.49	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.98%
24) Chloroform-d	4.40	84	181330	20.98	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.92%
26) 1,2-Dichloroethane-d4	5.08	65	138025	24.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.92%
29) Benzene-d6	5.09	84	479738	26.20	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.80%
33) 1,2-Dichloropropane-d6	6.12	67	154846	26.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.32%
37) Toluene-d8	7.36	98	427160	25.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.24%
38) trans-1,3-Dichloropropene-	7.66	79	54653	20.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.52%
39) 2-Hexanone-d5	8.13	63	45649	35.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.92%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	109039	21.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.08%
61) 1,2-Dichlorobenzene-d4	11.67	152	110868	23.91	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.64%

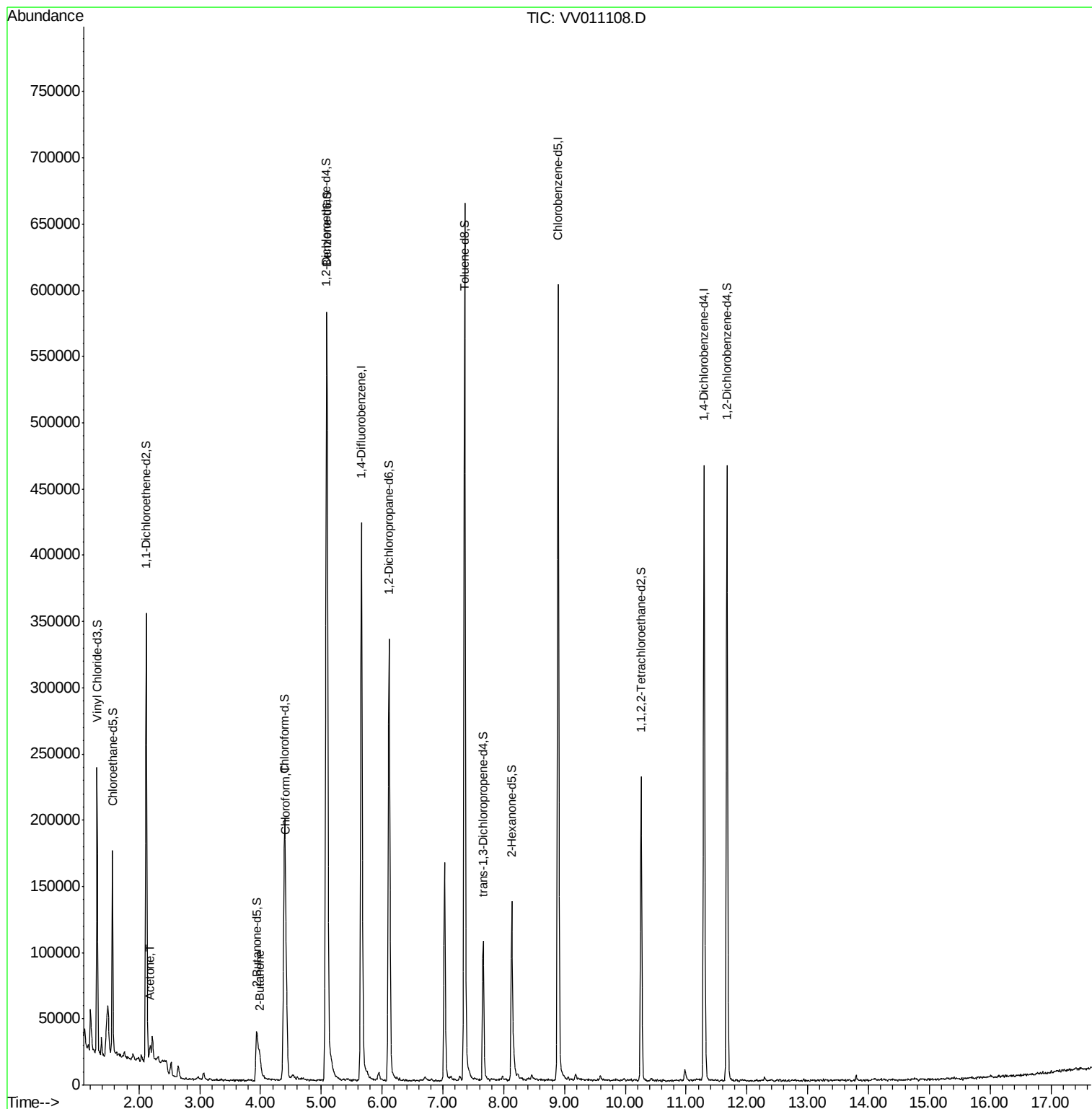
Target Compounds					Qvalue
13) Acetone	2.19	43	9773	5.122 ug/L	89
21) 2-Butanone	4.00	43	8066	3.433 ug/L #	60
25) Chloroform	4.42	83	52466	5.221 ug/L	97

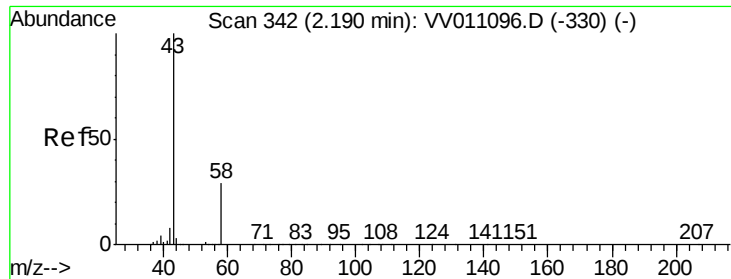
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.122 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

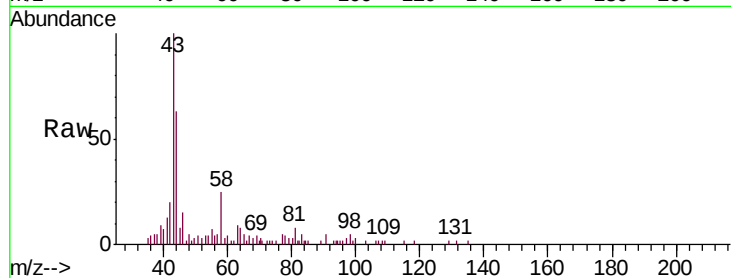
BFHC7

Tgt Ion: 43 Resp: 9773

Ion Ratio Lower Upper

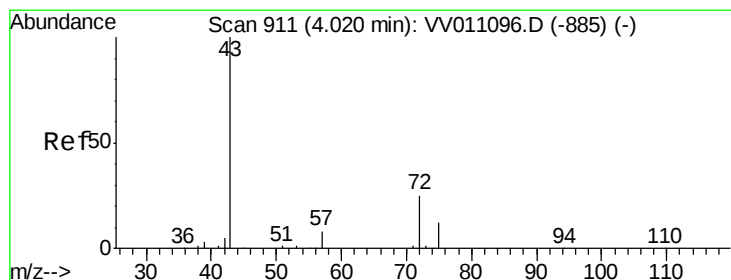
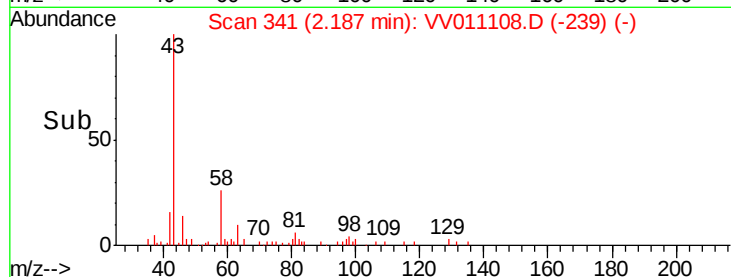
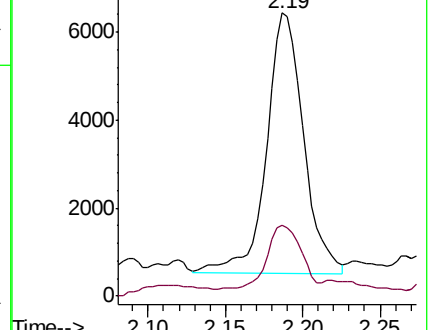
43 100

58 21.8 0.0 54.8



Abundance Ion 43.00 (42.70 to 43.70): VV011096.D (-330) (-)

Ion 58.00 (57.70 to 58.70): VV011096.D (-330) (-)



#21

2-Butanone

Concen: 3.433 ug/L

RT: 4.00 min Scan# 905

Delta R.T. -0.02 min

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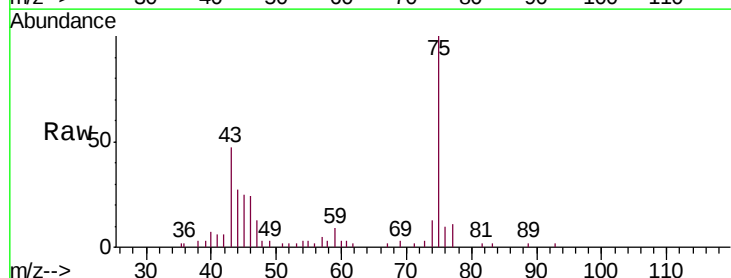
Acq: 29 May 2019 15:46

Tgt Ion: 43 Resp: 8066

Ion Ratio Lower Upper

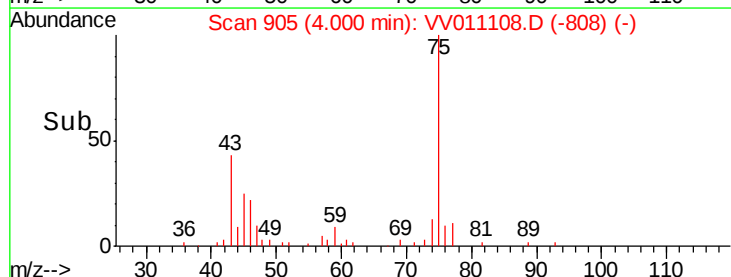
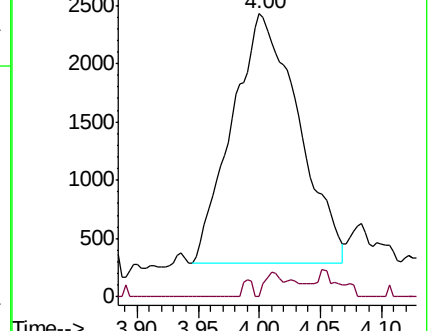
43 100

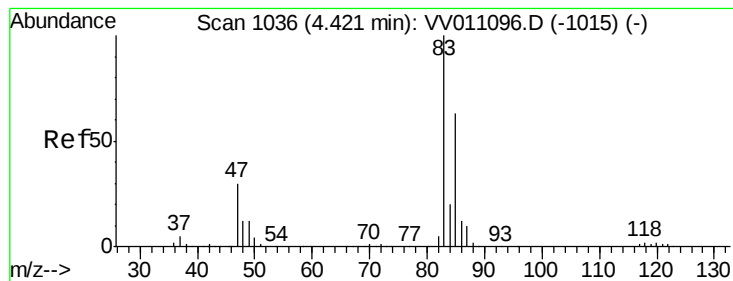
72 2.3 10.7 31.9#



Abundance Ion 43.00 (42.70 to 43.70): VV011096.D (-885) (-)

Ion 72.00 (71.70 to 72.70): VV011096.D (-885) (-)





#25

Chloroform

Concen: 5.221 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. 0.00 min

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MSVOA_V
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Tgt Ion: 83 Resp: 52466

Ion Ratio Lower Upper

83 100

85 68.0 46.2 85.8

