

Data File : VV012997.D
Acq On : 26 Sep 2019 14:03
Operator : SY/MD
Sample : K4988-03RE
Misc : 5.01G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ESNY6RE

Quant Time: Sep 27 02:18:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 27 02:13:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	642125	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	565911	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	195436	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	192210	19.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.16%
7) Chloroethane-d5	1.58	69	173178	21.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.00%
10) 1,1-Dichloroethene-d2	2.13	63	257724	15.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.24%
20) 2-Butanone-d5	3.95	46	101433	29.49	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	58.98%
24) Chloroform-d	4.40	84	383376	21.73	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.92%
26) 1,2-Dichloroethane-d4	5.08	65	232584	22.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.72%
29) Benzene-d6	5.10	84	749486	23.72	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.88%
33) 1,2-Dichloropropane-d6	6.12	67	254030	25.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.60%
37) Toluene-d8	7.36	98	598135	20.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.40%
38) trans-1,3-Dichloropropene-	7.66	79	79641	18.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.96%
39) 2-Hexanone-d5	8.14	63	71459	35.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.72%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	206663	21.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.88%
61) 1,2-Dichlorobenzene-d4	11.67	152	174652	23.00	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.00%

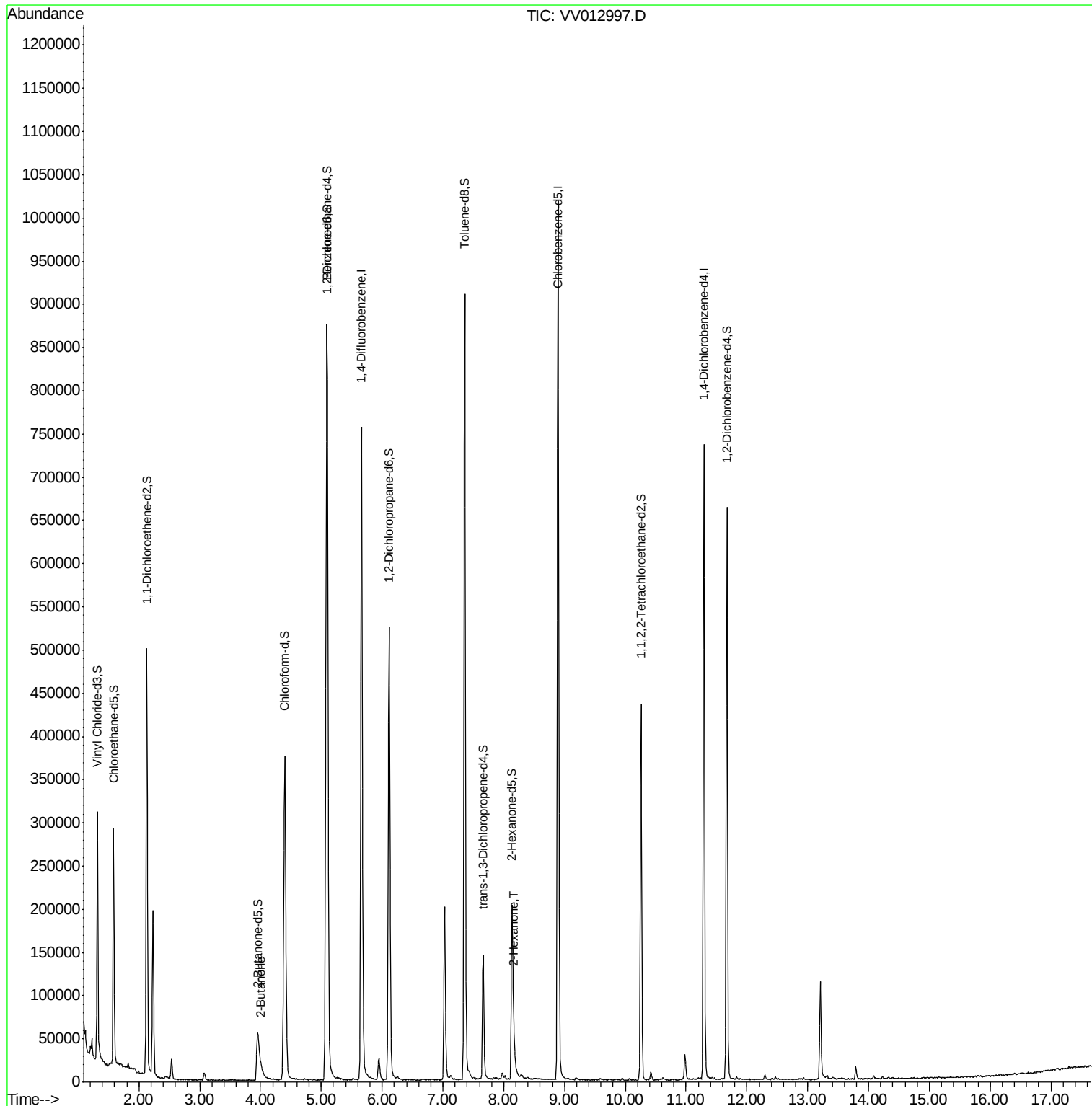
Target Compounds					Qvalue
21) 2-Butanone	4.01	43	16207	3.809 ug/L #	51
49) 2-Hexanone	8.17	43	14885	2.934 ug/L #	37

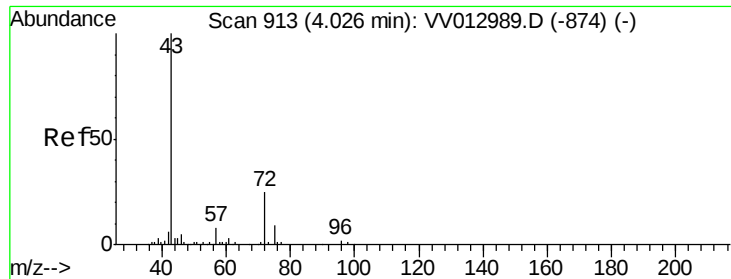
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#21

2-Butanone

Concen: 3.809 ug/L

RT: 4.01 min Scan# 908

Delta R.T. -0.02 min

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Instrument :

MSVOA_V

ClientSampleId :

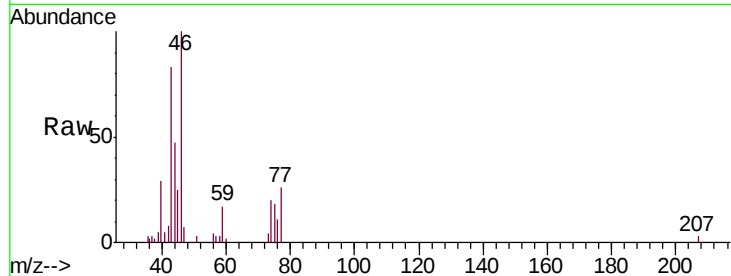
ESNY6RE

Tgt Ion: 43 Resp: 16207

Ion Ratio Lower Upper

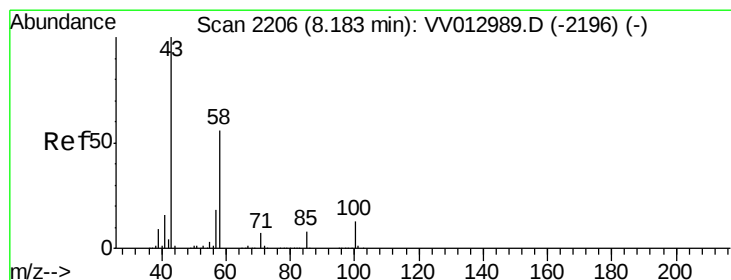
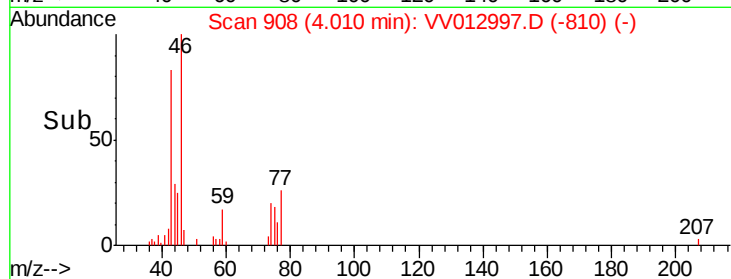
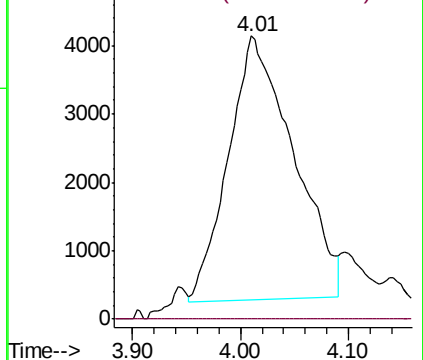
43 100

72 0.0 11.9 35.9#



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 72.00 (71.70 to 72.70): VV0



#49

2-Hexanone

Concen: 2.934 ug/L

RT: 8.17 min Scan# 2202

Delta R.T. -0.01 min

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Tgt Ion: 43 Resp: 14885

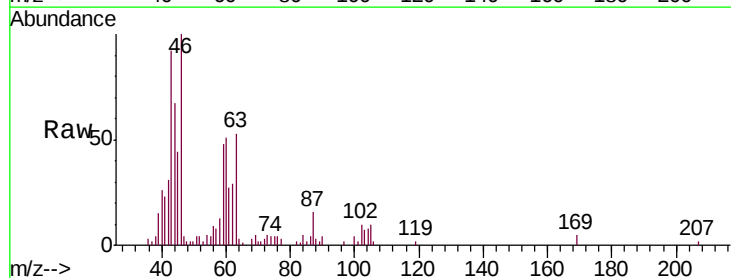
Ion Ratio Lower Upper

43 100

58 0.0 46.5 69.7#

57 0.0 15.5 23.3#

100 2.3 9.7 14.5#



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0

