

Data File : VV011033.D
Acq On : 23 May 2019 18:02
Operator : SY/MD
Sample : K3017-02
Misc : 5.05G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51G3

Quant Time: May 24 08:43:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Fri May 24 08:16:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	99871	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	103126	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	41787	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	14079	12.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	49.48%
7) Chloroethane-d5	1.56	69	11913	15.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.80%
10) 1,1-Dichloroethene-d2	2.12	63	22306	10.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	40.76%#
20) 2-Butanone-d5	3.93	46	26625	67.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	135.54%#
24) Chloroform-d	4.40	84	48459	18.73	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	74.92%
26) 1,2-Dichloroethane-d4	5.08	65	29528	19.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	77.48%
29) Benzene-d6	5.09	84	89551	15.91	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	63.64%
33) 1,2-Dichloropropane-d6	6.12	67	31943	17.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	71.44%
37) Toluene-d8	7.36	98	76484	14.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	58.44%
38) trans-1,3-Dichloropropene-	7.66	79	12239	16.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	66.64%
39) 2-Hexanone-d5	8.13	63	21078	63.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.34%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	41286	23.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.48%
61) 1,2-Dichlorobenzene-d4	11.67	152	29892	17.62	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	70.48%#

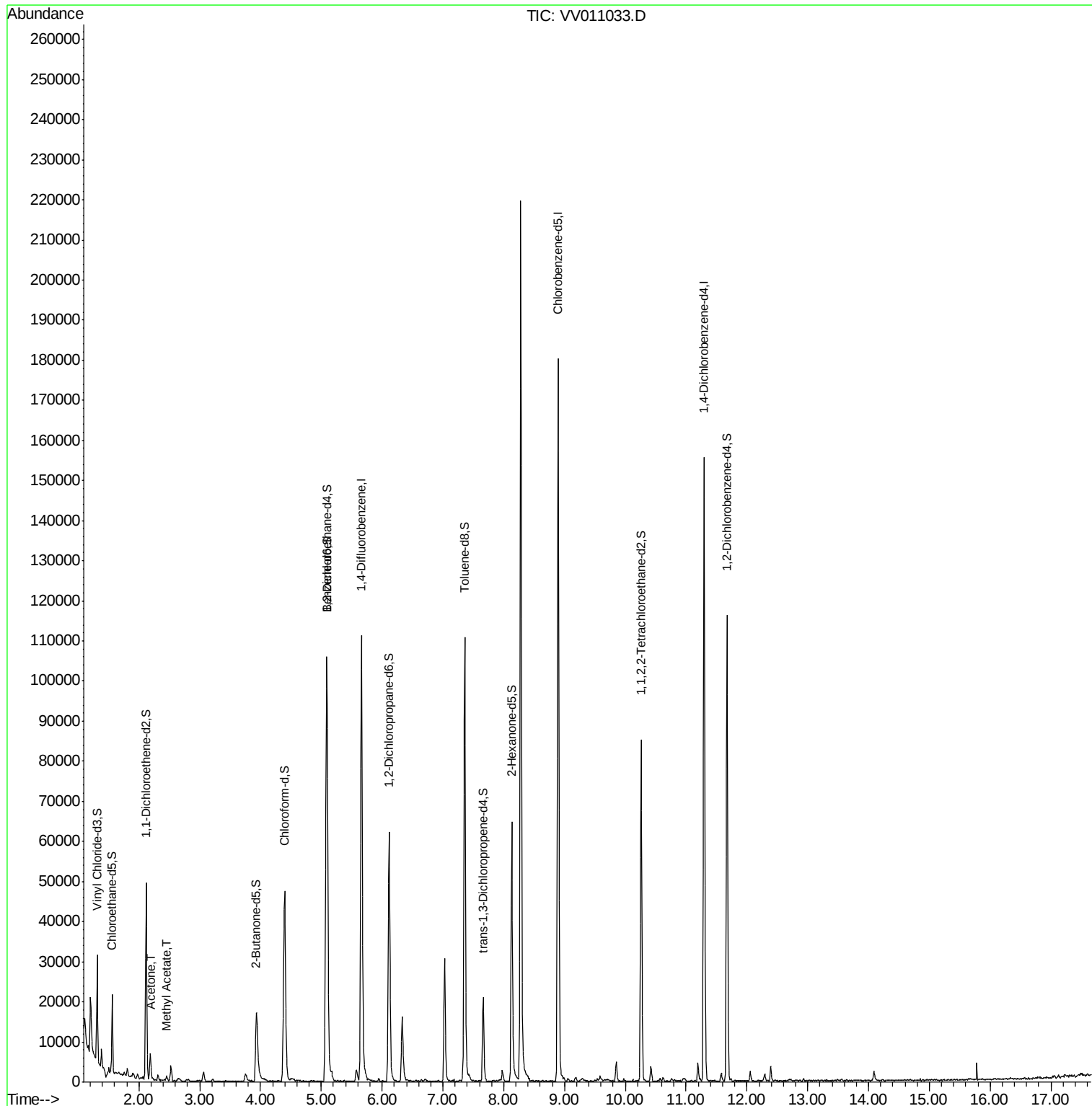
Target Compounds					Qvalue
13) Acetone	2.19	43	6227	16.436 ug/L	97
15) Methyl Acetate	2.46	43	1422	1.953 ug/L #	72

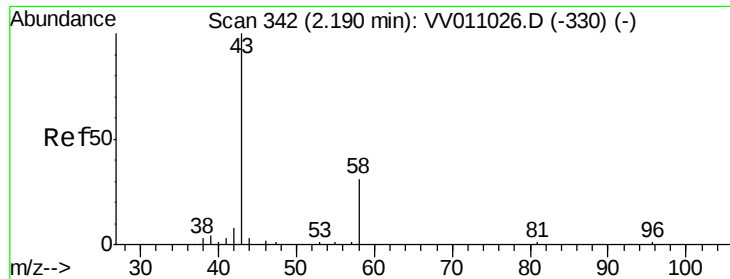
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 16.436 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

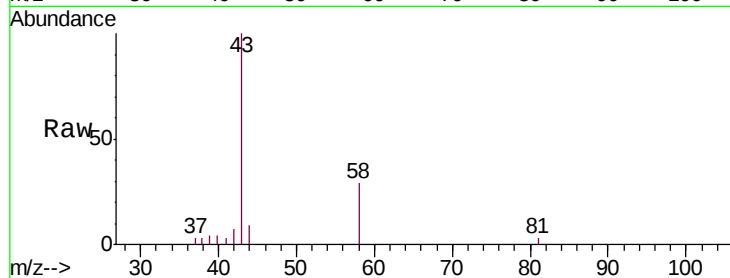
A51G3

Tgt Ion: 43 Resp: 6227

Ion Ratio Lower Upper

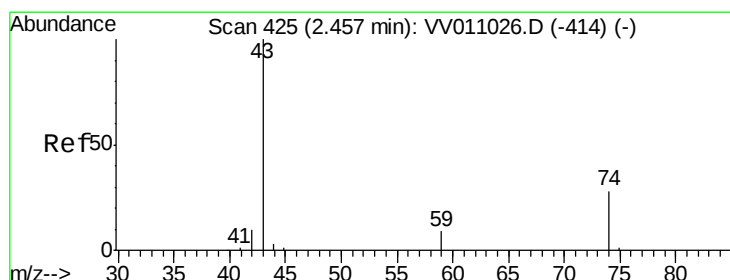
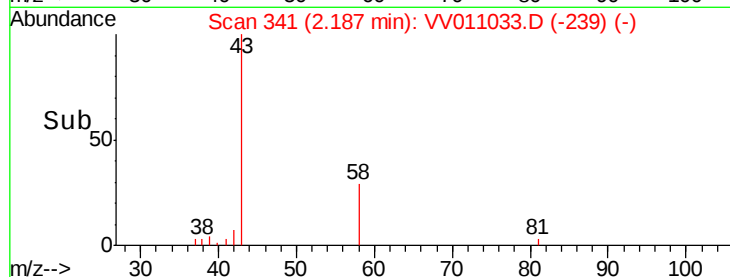
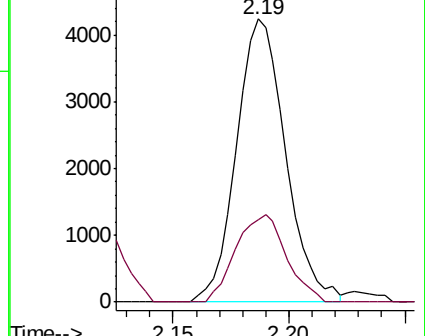
43 100

58 31.8 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#15

Methyl Acetate

Concen: 1.953 ug/L

RT: 2.46 min Scan# 425

Delta R.T. -0.00 min

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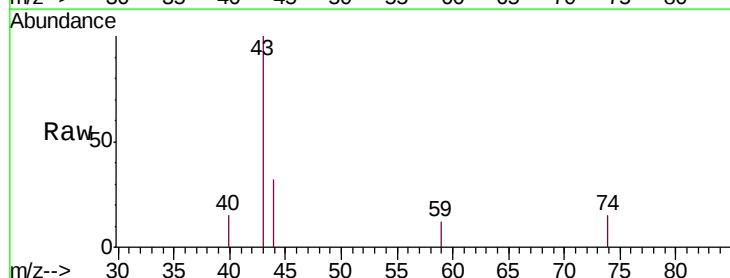
Acq: 23 May 2019 18:02

Tgt Ion: 43 Resp: 1422

Ion Ratio Lower Upper

43 100

74 12.1 21.1 31.7#



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 74.00 (73.70 to 74.70): VV0

