

Data File : VV011036.D
Acq On : 23 May 2019 19:25
Operator : SY/MD
Sample : K3016-03
Misc : 5.01G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51C2

Quant Time: May 24 08:53:36 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	102366	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	99445	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	31981	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	19103	16.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.48%
7) Chloroethane-d5	1.56	69	15408	19.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.00%
10) 1,1-Dichloroethene-d2	2.12	63	29654	13.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.88%
20) 2-Butanone-d5	3.93	46	34281	85.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	170.26%#
24) Chloroform-d	4.40	84	57288	21.60	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.40%
26) 1,2-Dichloroethane-d4	5.08	65	37319	23.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.52%
29) Benzene-d6	5.09	84	116657	21.49	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.96%
33) 1,2-Dichloropropane-d6	6.12	67	42074	24.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.56%
37) Toluene-d8	7.36	98	96475	19.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.48%
38) trans-1,3-Dichloropropene-	7.66	79	15683	22.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.56%
39) 2-Hexanone-d5	8.13	63	29209	90.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	181.56%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	48198	27.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.96%
61) 1,2-Dichlorobenzene-d4	11.67	152	27803	21.41	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.64%

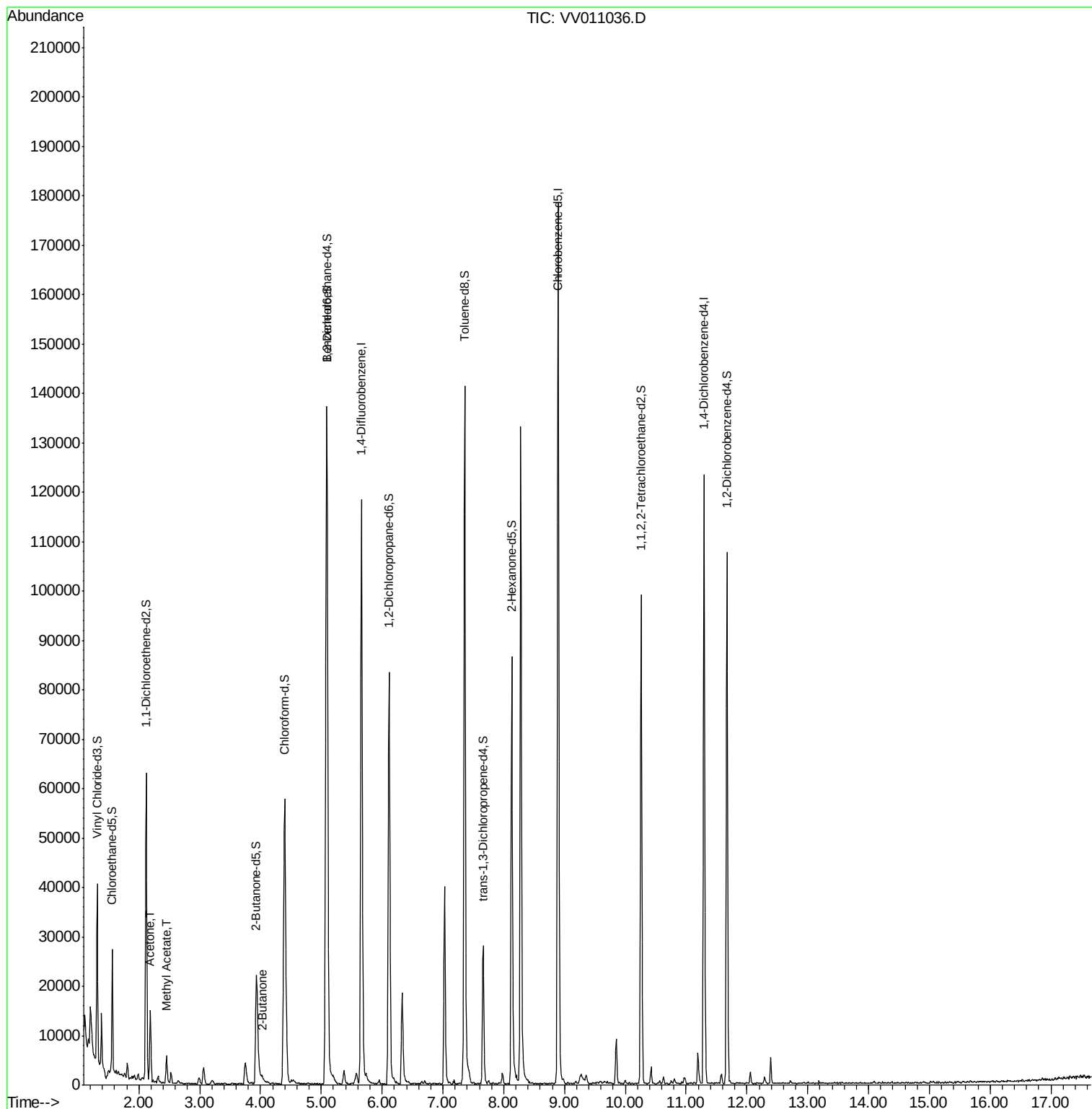
Target Compounds					Qvalue
13) Acetone	2.19	43	13616	35.063 ug/L	98
15) Methyl Acetate	2.45	43	5481	7.346 ug/L	99
21) 2-Butanone	4.03	43	2308	4.343 ug/L	78

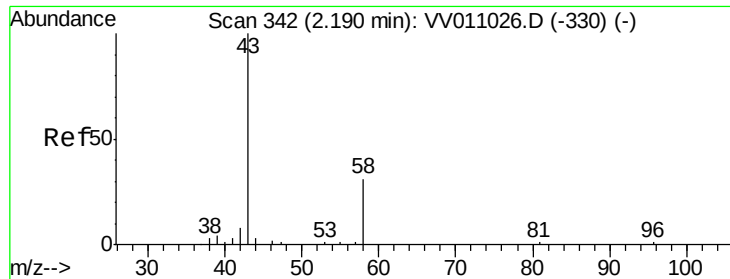
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 35.063 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampled :

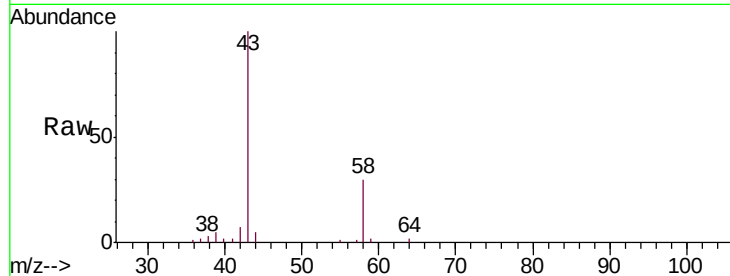
A51C2

Tgt Ion: 43 Resp: 13616

Ion Ratio Lower Upper

43 100

58 31.5 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VV011026.D (-330) (-)

Ion 58.00 (57.70 to 58.70): VV011026.D (-330) (-)

2.19

10000

8000

6000

4000

2000

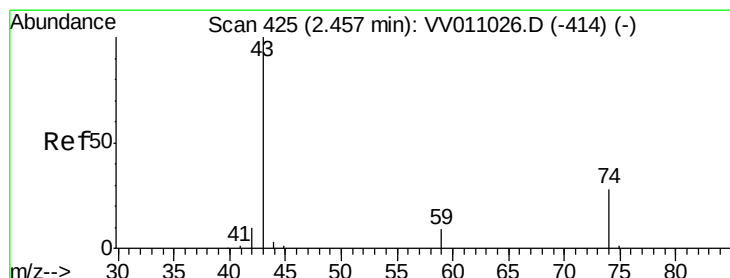
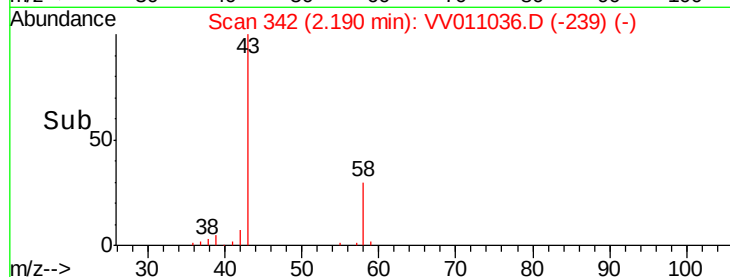
0

Time-->

2.15

2.20

2.25



#15

Methyl Acetate

Concen: 7.346 ug/L

RT: 2.45 min Scan# 424

Delta R.T. -0.00 min

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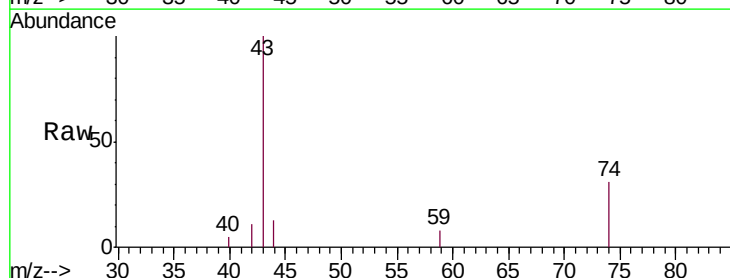
Acq: 23 May 2019 19:25

Tgt Ion: 43 Resp: 5481

Ion Ratio Lower Upper

43 100

74 27.1 21.1 31.7



Abundance Ion 43.00 (42.70 to 43.70): VV011026.D (-414) (-)

Ion 74.00 (73.70 to 74.70): VV011026.D (-414) (-)

2.45

4000

3000

2000

1000

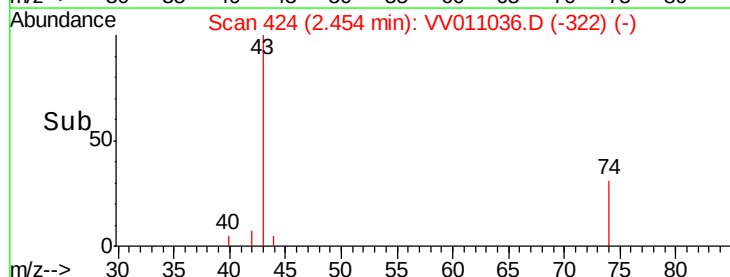
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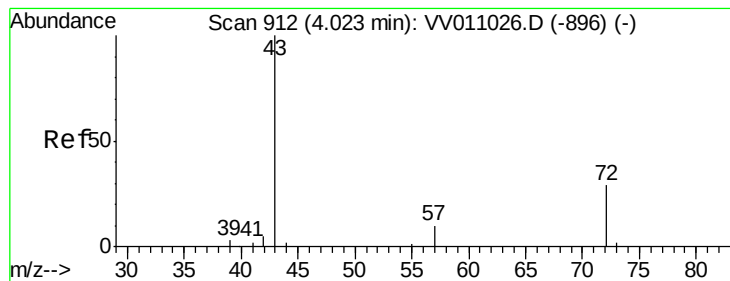
Time-->

2.40

2.45

2.50





#21

2-Butanone

Concen: 4.343 ug/L

RT: 4.03 min Scan# 914

Delta R.T. 0.01 min

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Instrument :
MSVOA_V
ClientSampleId :
A51C2

Tgt Ion: 43 Resp: 2308

Ion Ratio Lower Upper

43 100

72 15.1 13.1 39.3

