

Data File : VV011045.D
Acq On : 24 May 2019 01:47
Operator : SY/MD
Sample : K3016-13
Misc : 6.36G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51D0

Manual Integrations
APPROVED

MMDadoda
5/28/2019 2:55:06 AM

Quant Time: May 24 09:21:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Fri May 24 09:03:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	77010	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	65241	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	16967	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	16156	18.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.60%
7) Chloroethane-d5	1.56	69	12632	21.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.00%
10) 1,1-Dichloroethene-d2	2.12	63	24239	14.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.44%
20) 2-Butanone-d5	3.93	46	34190	112.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	225.72%#
24) Chloroform-d	4.40	84	53044	26.59	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.36%
26) 1,2-Dichloroethane-d4	5.08	65	32601	27.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.92%
29) Benzene-d6	5.09	84	95963	26.94	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.76%
33) 1,2-Dichloropropane-d6	6.11	67	35345	31.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	124.92%#
37) Toluene-d8	7.36	98	70891	21.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.64%
38) trans-1,3-Dichloropropene-	7.66	79	11636	25.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.16%
39) 2-Hexanone-d5	8.13	63	26406	125.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	250.20%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	38038	33.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	134.68%#
61) 1,2-Dichlorobenzene-d4	11.67	152	15783	22.91	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.64%

Target Compounds					Qvalue
13) Acetone	2.19	43	19133	65.493 ug/L	96
15) Methyl Acetate	2.46	43	23243	41.409 ug/L	100
21) 2-Butanone	4.03	43	3535m	8.842 ug/L	

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

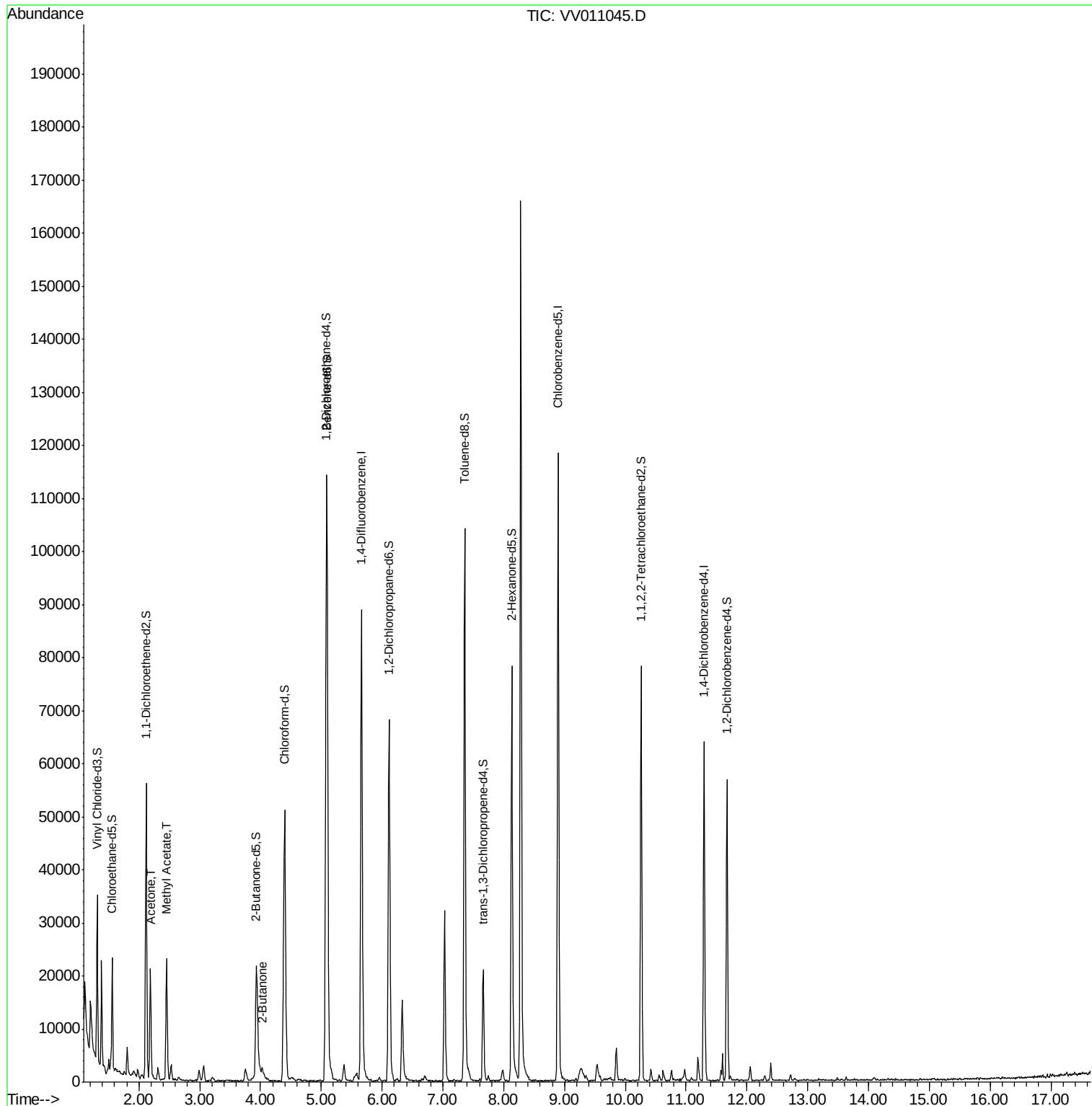
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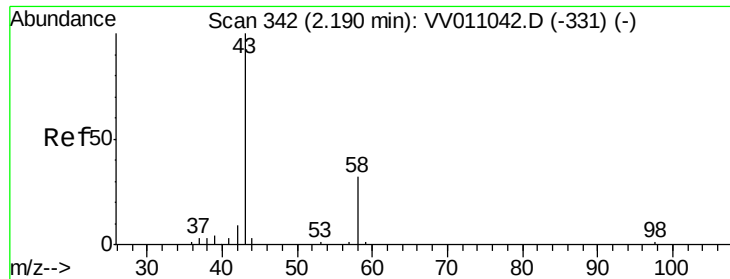
Instrument :
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#13

Acetone

Concen: 65.493 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.00 min

Lab File: VV011045.D

Acq: 24 May 2019 01:47

Instrument :

MSVOA_V

ClientSampled :

A51D0

Tgt Ion: 43 Resp: 19133

Ion Ratio Lower Upper

43 100

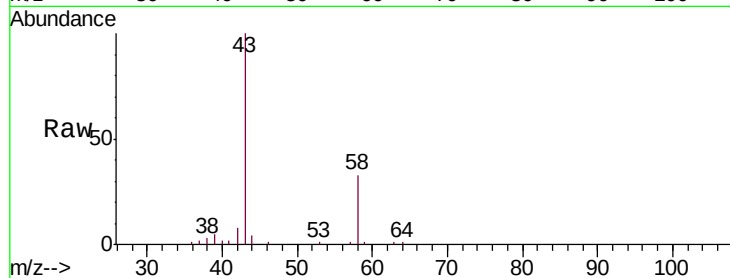
58 32.8 0.0 60.8

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

15000

10000

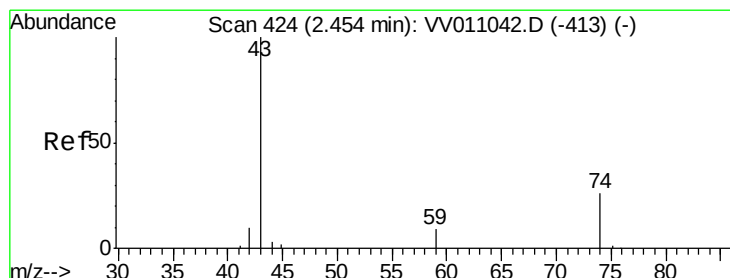
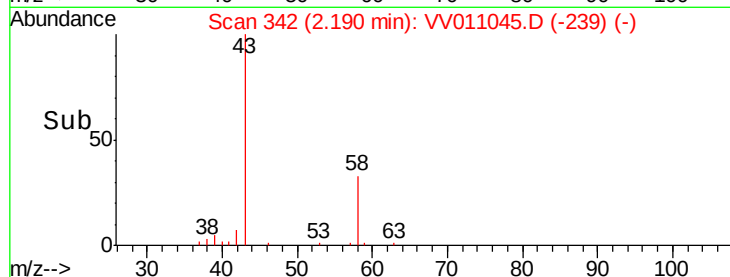
5000

0

Time-->

2.15 2.20 2.25

2.19



#15

Methyl Acetate

Concen: 41.409 ug/L

RT: 2.46 min Scan# 425

Delta R.T. 0.00 min

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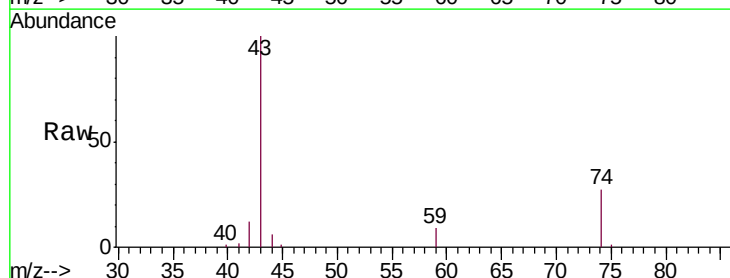
Acq: 24 May 2019 01:47

Tgt Ion: 43 Resp: 23243

Ion Ratio Lower Upper

43 100

74 26.6 21.1 31.7



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 74.00 (73.70 to 74.70): VV0

15000

10000

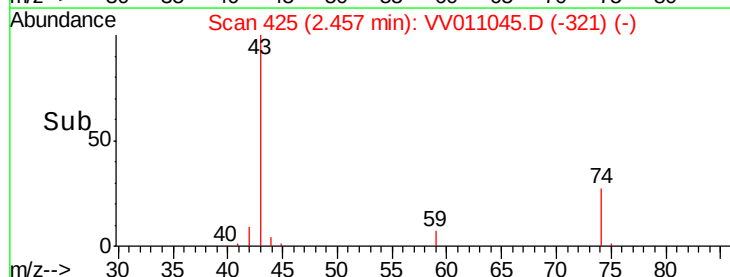
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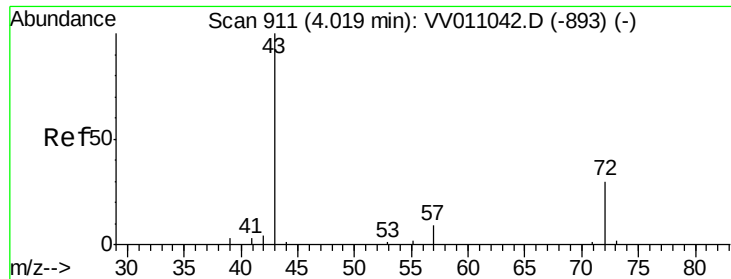
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Time-->

2.40 2.45 2.50

2.46





#21
 2-Butanone
 Concen: 8.842 ug/L m
 RT: 4.03 min Scan# 915
 Delta R.T. 0.01 min
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 MSVOA_V
 ClientSampleId :
 A51D0

Tgt Ion: 43 Resp: 3535
 Ion Ratio Lower Upper
 43 100
 72 14.1 13.1 39.3

Manual Integrations
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