

Data File : VV011040.D
Acq On : 23 May 2019 21:17
Operator : SY/MD
Sample : K3016-07
Misc : 4.80G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51C6

Quant Time: May 24 09:02:46 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	109782	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	105087	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	36182	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	21015	16.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.16%
7) Chloroethane-d5	1.57	69	16620	19.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.44%
10) 1,1-Dichloroethene-d2	2.12	63	32043	13.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.28%
20) 2-Butanone-d5	3.93	46	31816	73.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	147.34%#
24) Chloroform-d	4.40	84	71314	25.08	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.32%
26) 1,2-Dichloroethane-d4	5.08	65	40917	24.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.68%
29) Benzene-d6	5.10	84	131059	22.84	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.36%
33) 1,2-Dichloropropane-d6	6.12	67	46620	25.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.28%
37) Toluene-d8	7.36	98	109965	20.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.48%
38) trans-1,3-Dichloropropene-	7.66	79	16740	22.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.48%
39) 2-Hexanone-d5	8.13	63	26364	77.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	155.08%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	52400	28.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.16%
61) 1,2-Dichlorobenzene-d4	11.67	152	34915	23.77	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.08%

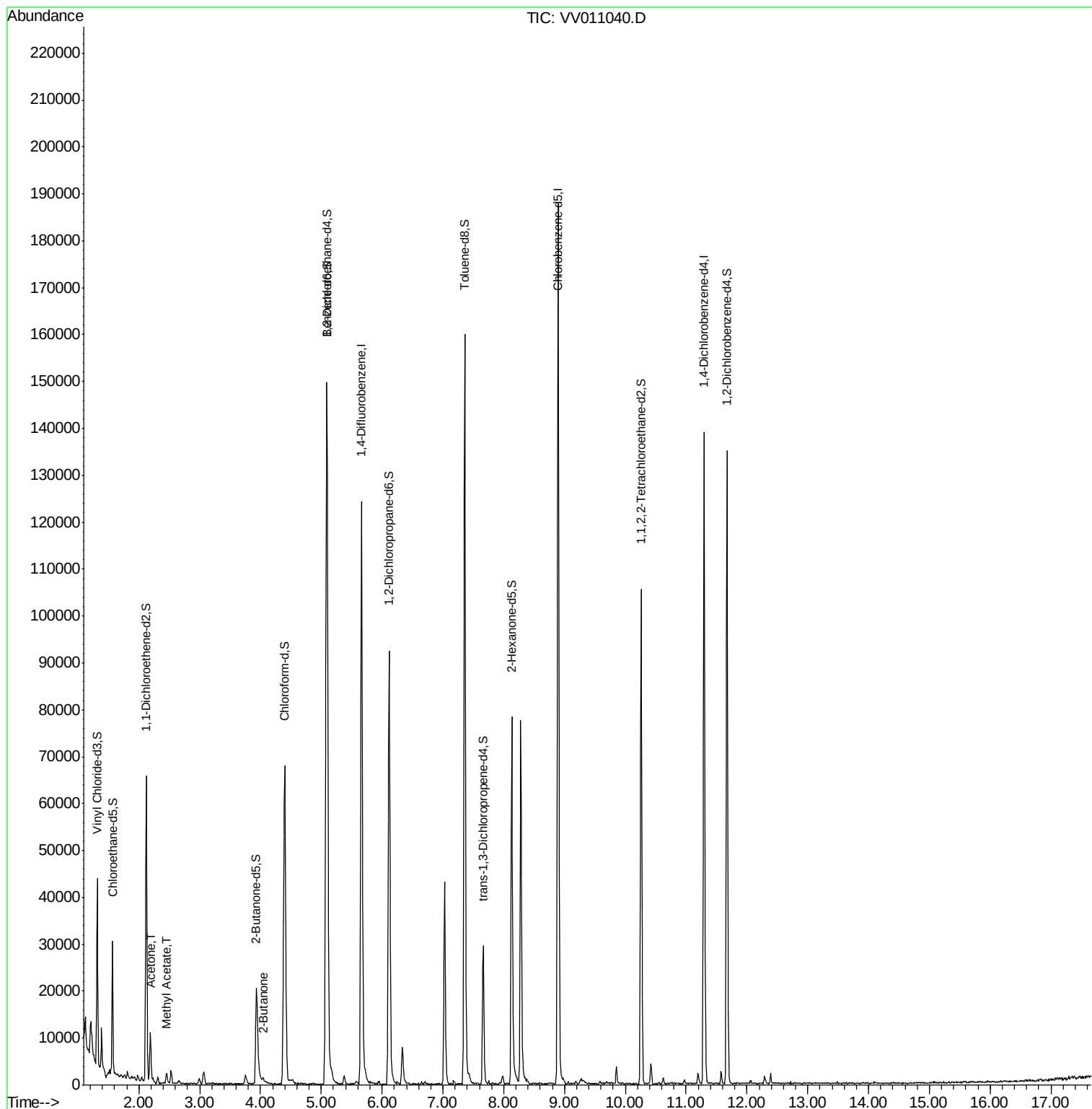
Target Compounds					Qvalue
13) Acetone	2.19	43	10178	24.439 ug/L	96
15) Methyl Acetate	2.46	43	2327	2.908 ug/L	90
21) 2-Butanone	4.03	43	1528	2.681 ug/L	76

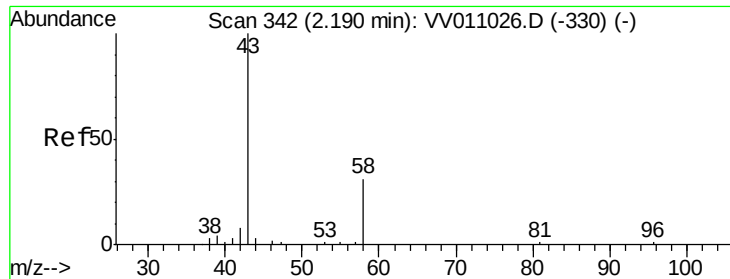
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 24.439 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.00 min

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MSVOA_V

ClientSampleId :

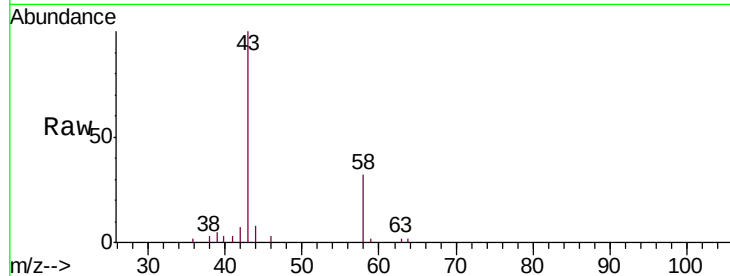
A51C6

Tgt Ion: 43 Resp: 10178

Ion Ratio Lower Upper

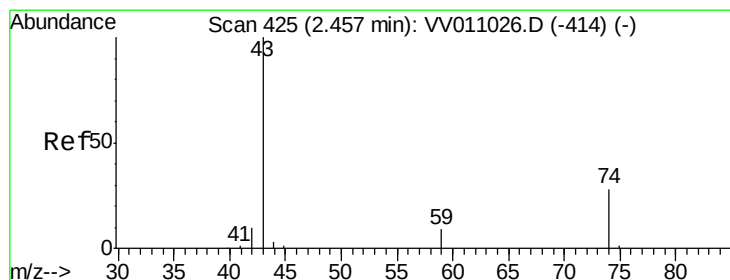
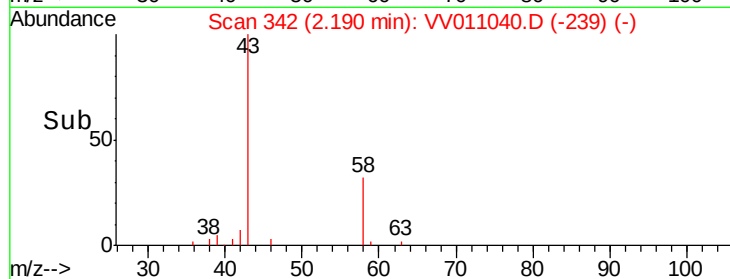
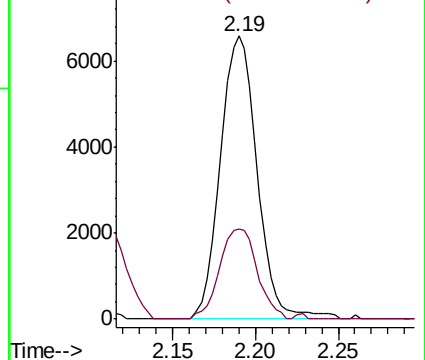
43 100

58 32.5 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) (-)



#15

Methyl Acetate

Concen: 2.908 ug/L

RT: 2.46 min Scan# 426

Delta R.T. 0.00 min

Lab File: VV011040.D

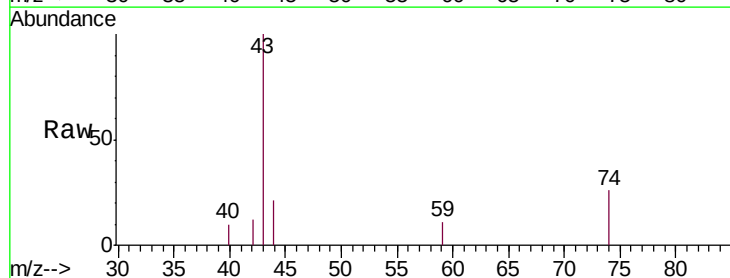
Acq: 23 May 2019 21:17

Tgt Ion: 43 Resp: 2327

Ion Ratio Lower Upper

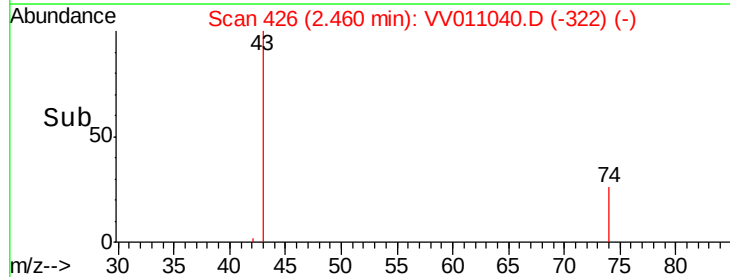
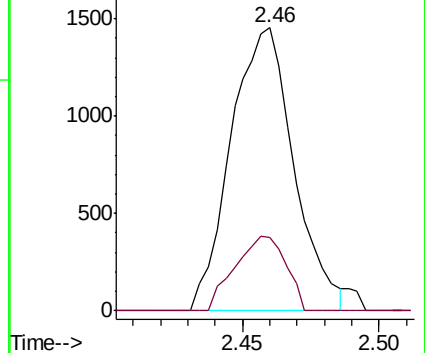
43 100

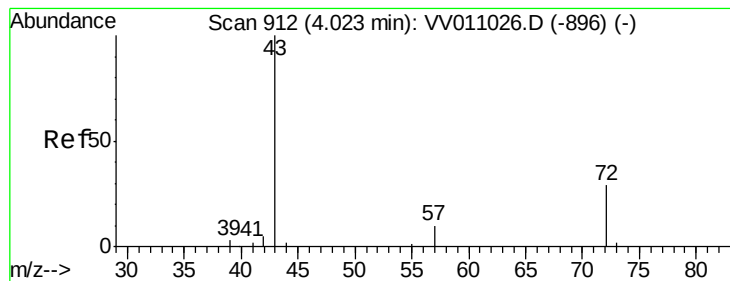
74 21.2 21.1 31.7



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

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





#21

2-Butanone

Concen: 2.681 ug/L

RT: 4.03 min Scan# 915

Delta R.T. 0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

A51C6

Tgt Ion: 43 Resp: 1528

Ion Ratio Lower Upper

43 100

72 13.9 13.1 39.3

