

Data File : VV011039.D
Acq On : 23 May 2019 20:49
Operator : SY/MD
Sample : K3016-06
Misc : 4.15G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51C5

Quant Time: May 24 09:01:02 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	97863	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	92817	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	29447	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	18338	16.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.76%
7) Chloroethane-d5	1.56	69	15644	20.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.84%
10) 1,1-Dichloroethene-d2	2.12	63	28284	13.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.72%
20) 2-Butanone-d5	3.93	46	34635	89.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	179.94%#
24) Chloroform-d	4.40	84	55655	21.95	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.80%
26) 1,2-Dichloroethane-d4	5.08	65	37057	24.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.24%
29) Benzene-d6	5.10	84	114110	22.52	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.08%
33) 1,2-Dichloropropane-d6	6.12	67	40996	25.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.84%
37) Toluene-d8	7.36	98	93549	19.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.44%
38) trans-1,3-Dichloropropene-	7.66	79	14705	22.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.96%
39) 2-Hexanone-d5	8.13	63	28873	96.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	192.30%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	47409	29.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.96%
61) 1,2-Dichlorobenzene-d4	11.67	152	25091	20.99	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.96%

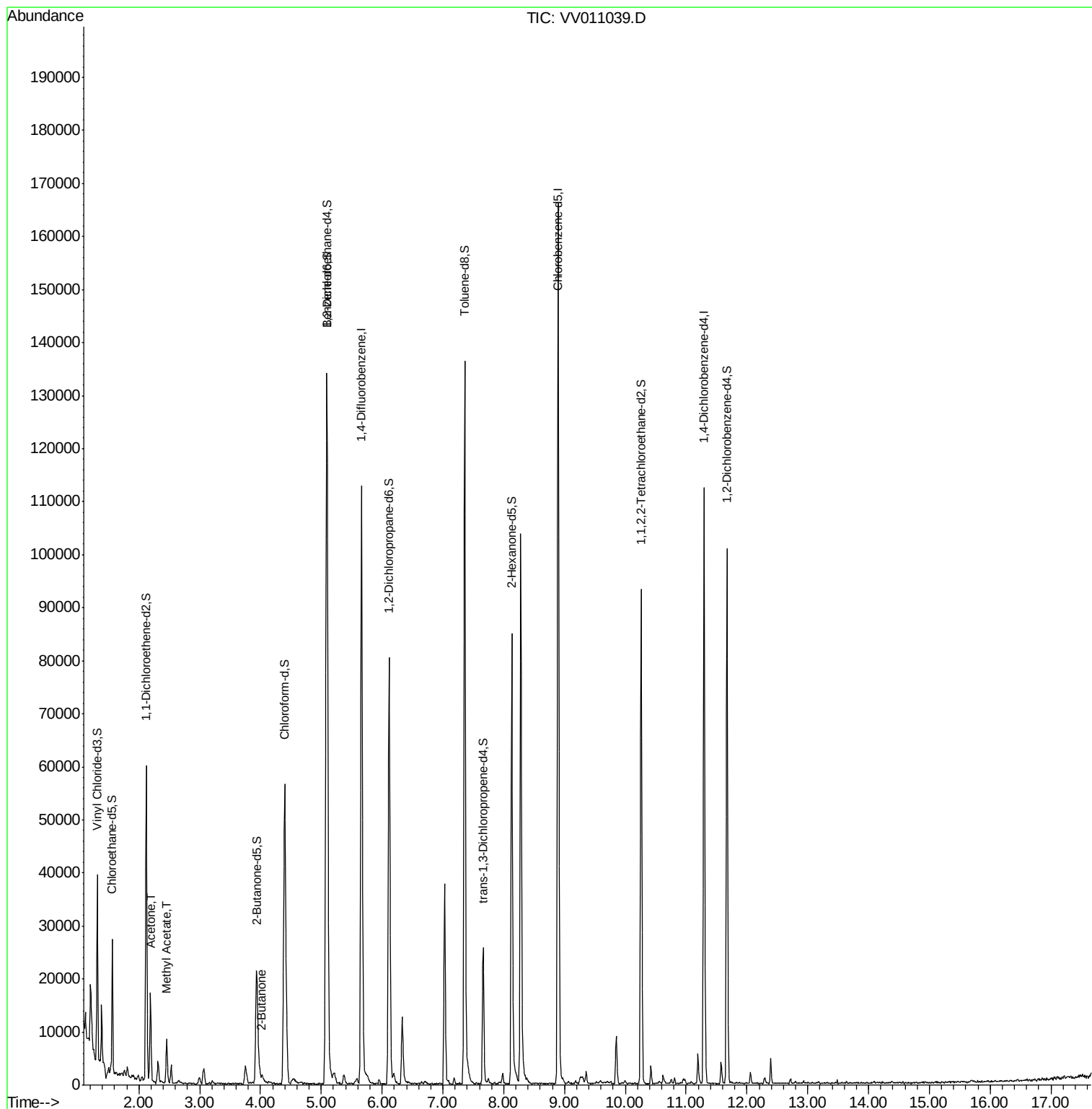
Target Compounds					Qvalue
13) Acetone	2.19	43	14839	39.971 ug/L	96
15) Methyl Acetate	2.46	43	8359	11.719 ug/L	94
21) 2-Butanone	4.03	43	1987	3.911 ug/L	99

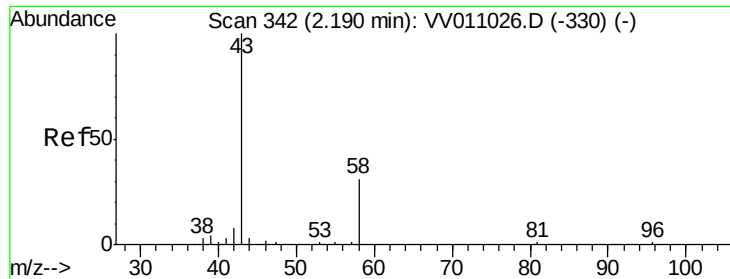
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 39.971 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

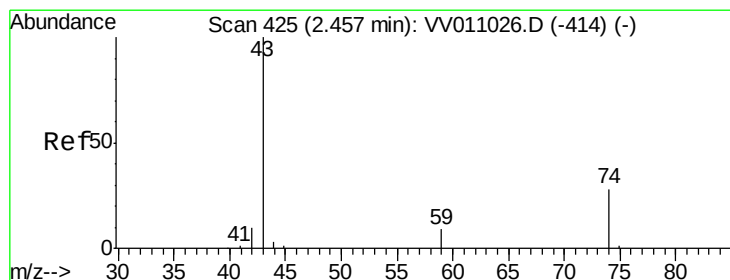
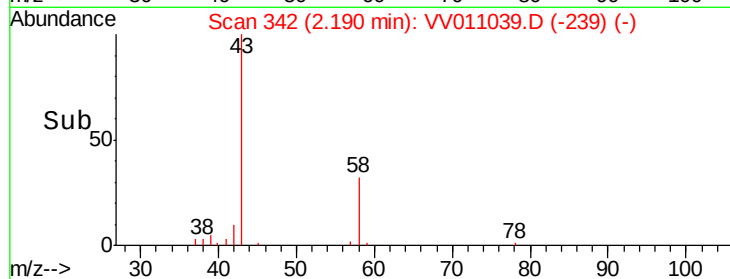
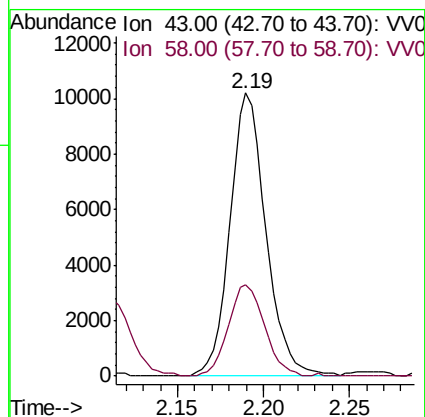
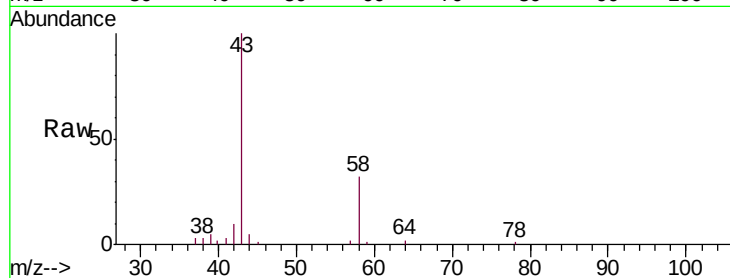
A51C5

Tgt Ion: 43 Resp: 14839

Ion Ratio Lower Upper

43 100

58 32.4 0.0 60.8



#15

Methyl Acetate

Concen: 11.719 ug/L

RT: 2.46 min Scan# 425

Delta R.T. -0.00 min

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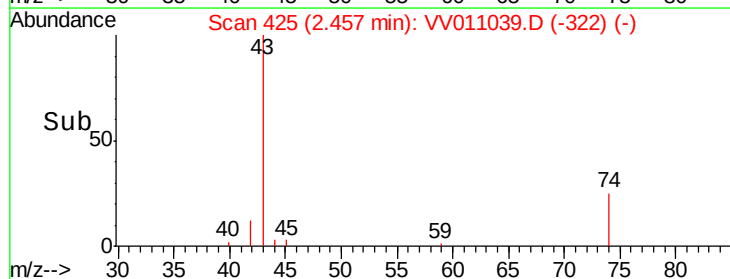
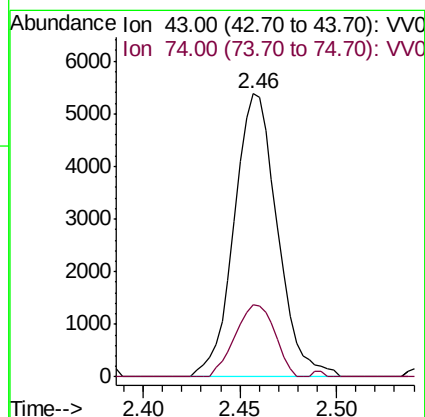
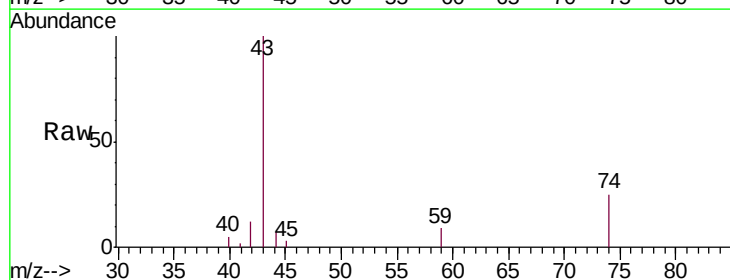
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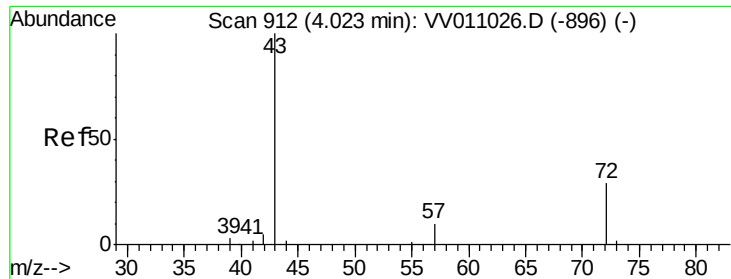
Tgt Ion: 43 Resp: 8359

Ion Ratio Lower Upper

43 100

74 23.5 21.1 31.7





#21

2-Butanone

Concen: 3.911 ug/L

RT: 4.03 min Scan# 915

Delta R.T. 0.01 min

Lab File: VV011039.D

Acq: 23 May 2019 20:49

Instrument :

MSVOA_V

ClientSampleId :

A51C5

Tgt Ion: 43 Resp: 1987

Ion Ratio Lower Upper

43 100

72 25.9 13.1 39.3

