

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052919\
 Data File : VV011122.D
 Acq On : 30 May 2019 00:13
 Operator : SY/MD
 Sample : K3017-12
 Misc : 2.97G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A51E5

Quant Time: May 30 05:39:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 30 04:49:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	401536	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	326731	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	91773	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	117883	21.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.64%
7) Chloroethane-d5	1.55	69	93748	23.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.44%
10) 1,1-Dichloroethene-d2	2.11	63	177908	17.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.48%
20) 2-Butanone-d5	3.93	46	102730	54.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.28%
24) Chloroform-d	4.39	84	230174	23.64	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.56%
26) 1,2-Dichloroethane-d4	5.07	65	148189	23.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.20%
29) Benzene-d6	5.09	84	485627	25.38	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.52%
33) 1,2-Dichloropropane-d6	6.11	67	157739	25.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.68%
37) Toluene-d8	7.36	98	418717	23.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.96%
38) trans-1,3-Dichloropropene-	7.66	79	63944	22.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.20%
39) 2-Hexanone-d5	8.13	63	77724	58.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.22%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	117787	22.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.04%
61) 1,2-Dichlorobenzene-d4	11.67	152	78362	21.59	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.36%

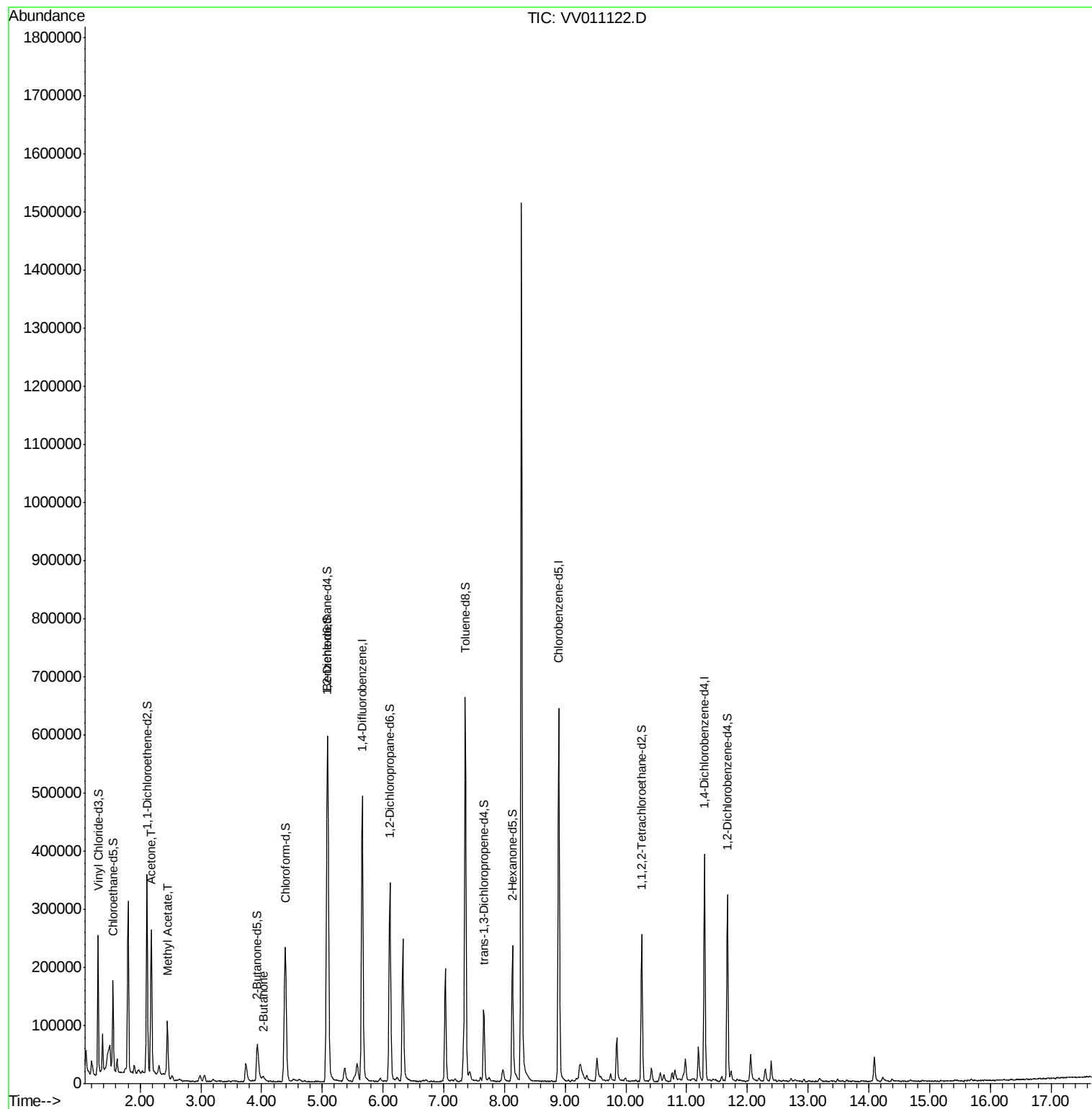
Target Compounds					Ovalue
13) Acetone	2.18	43	242661	112.893 ug/L	99
15) Methyl Acetate	2.45	43	105379	33.965 ug/L #	100
21) 2-Butanone	4.03	43	13882	5.244 ug/L	86

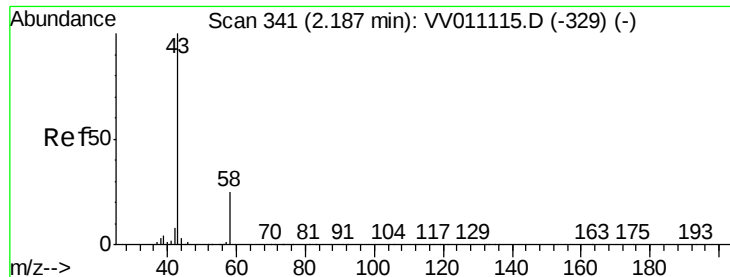
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 112.893 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

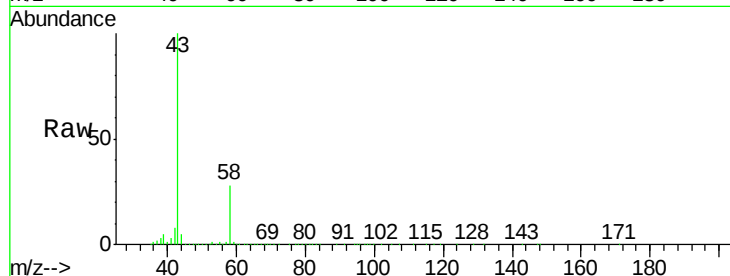
A51E5

Tot Ion: 43 Resp: 242661

Ion Ratio Lower Upper

43 100

58 26.9 0.0 54.8



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2.18

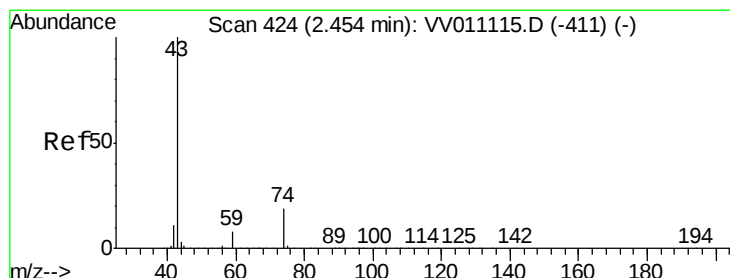
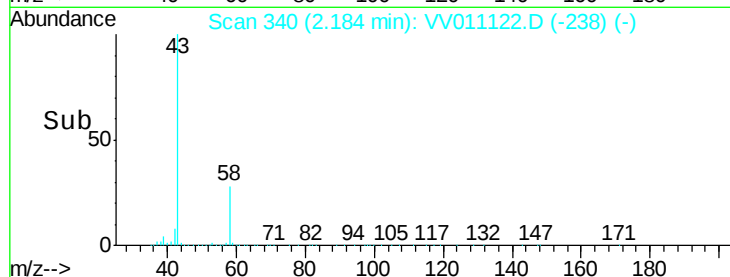
150000

100000

50000

0

Time--> 2.10 2.15 2.20 2.25



#15

Methyl Acetate

Concen: 33.965 ug/L

RT: 2.45 min Scan# 423

Delta R.T. -0.00 min

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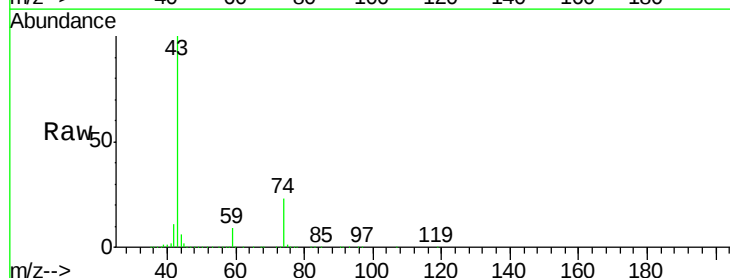
Acq: 30 May 2019 00:13

Tgt Ion: 43 Resp: 105379

Ion Ratio Lower Upper

43 100

74 22.7 0.0 0.0#



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 74.00 (73.70 to 74.70): VV0

2.45

80000

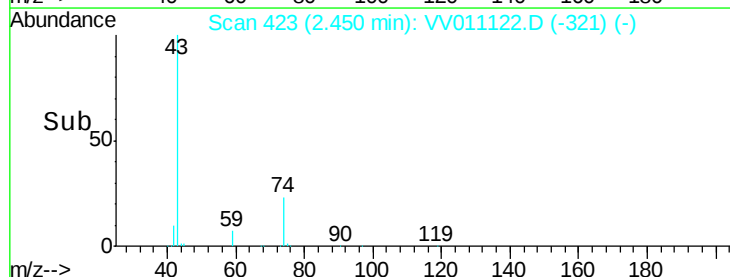
60000

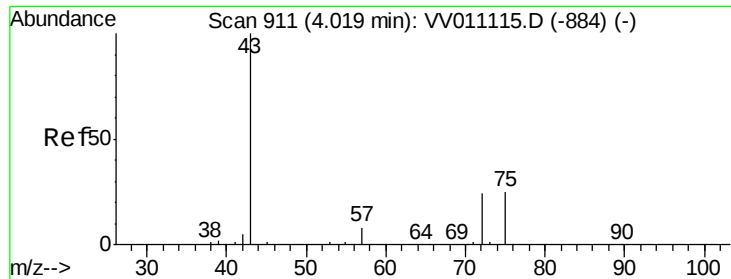
40000

20000

0

Time--> 2.40 2.45 2.50





#21

2-Butanone

Concen: 5.244 ug/L

RT: 4.03 min Scan# 915

Delta R.T. 0.01 min

Lab File: VV011122.D

Acq: 30 May 2019 00:13

Instrument :

MSVOA_V

ClientSampleId :

A51E5

Tot Ion: 43 Resp: 13882

Ion Ratio Lower Upper

43 100

72 14.8 10.7 31.9

