

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052919\
 Data File : VV011124.D
 Acq On : 30 May 2019 01:10
 Operator : SY/MD
 Sample : K3017-14
 Misc : 5.93G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A51E7

Quant Time: May 30 05:48:50 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	398493	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	350862	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	113076	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	118235	21.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.56%
7) Chloroethane-d5	1.55	69	95253	24.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.72%
10) 1,1-Dichloroethene-d2	2.11	63	173692	17.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.36%
20) 2-Butanone-d5	3.93	46	116877	62.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.14%
24) Chloroform-d	4.39	84	222674	23.04	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.16%
26) 1,2-Dichloroethane-d4	5.07	65	147836	23.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.72%
29) Benzene-d6	5.09	84	482551	23.49	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.96%
33) 1,2-Dichloropropane-d6	6.11	67	155860	23.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.40%
37) Toluene-d8	7.36	98	446326	23.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.28%
38) trans-1,3-Dichloropropene-	7.66	79	69319	22.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.04%
39) 2-Hexanone-d5	8.13	63	92928	65.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.52%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	150210	26.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.92%
61) 1,2-Dichlorobenzene-d4	11.67	152	101613	22.72	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.88%

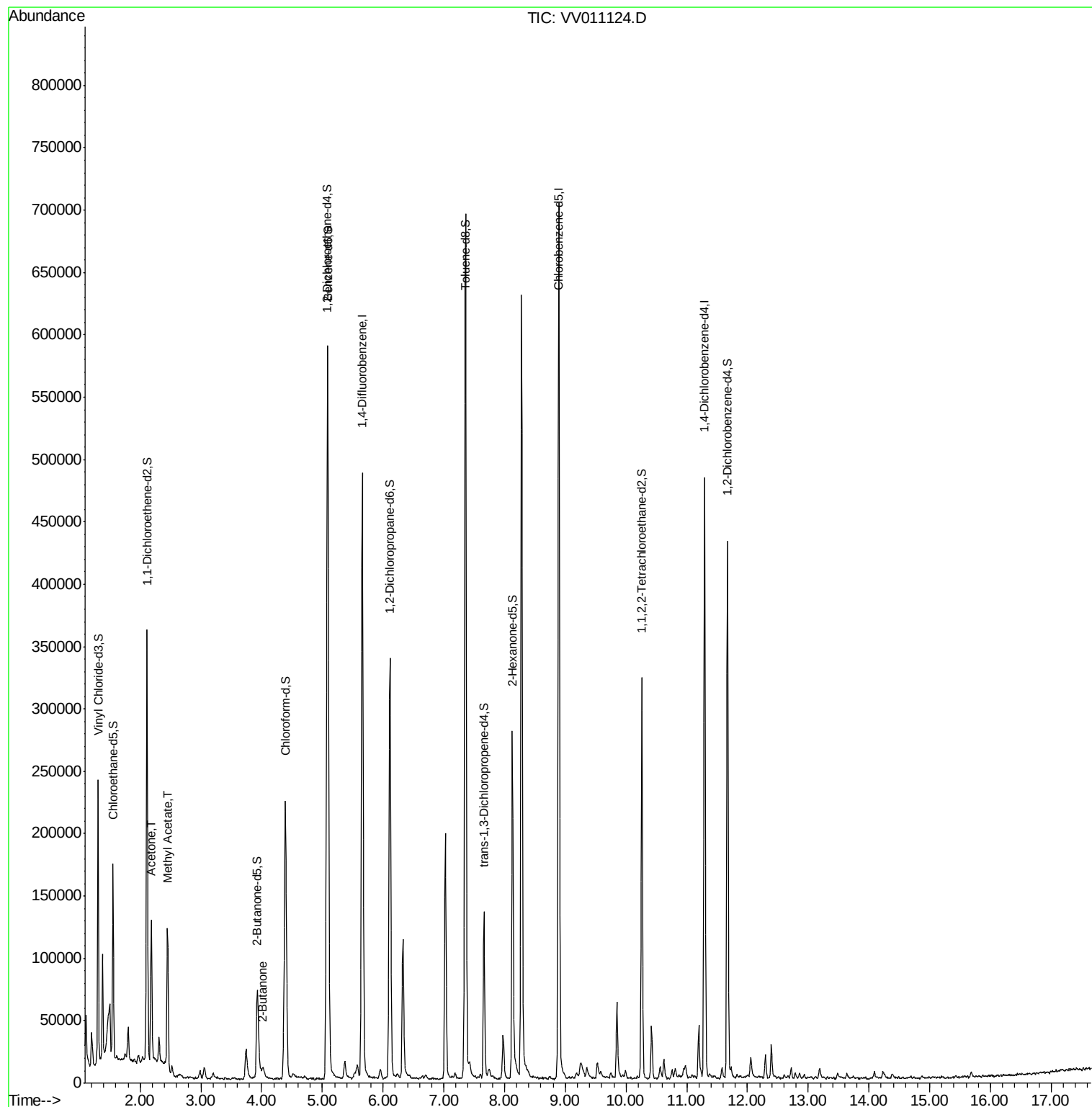
Target Compounds					Ovalue
13) Acetone	2.18	43	110048	51.588 ug/L	100
15) Methyl Acetate	2.45	43	126692	41.147 ug/L #	100
21) 2-Butanone	4.03	43	12284	4.676 ug/L	81

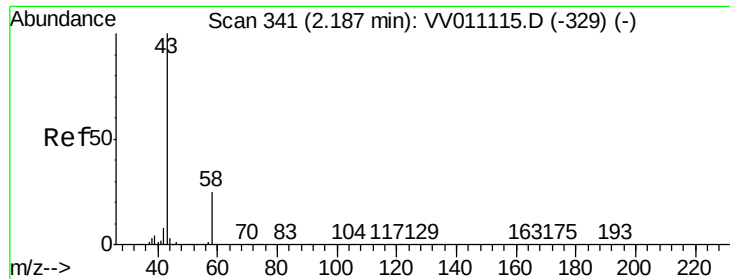
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 51.588 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

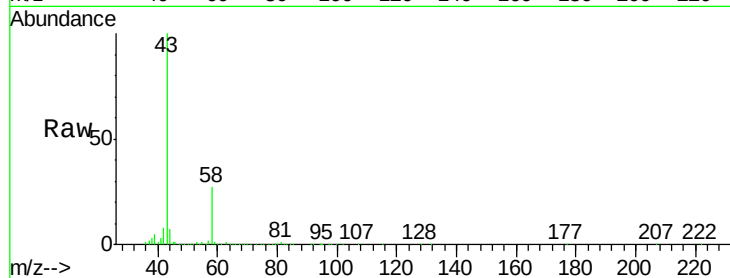
A51E7

Tot Ion: 43 Resp: 110048

Ion Ratio Lower Upper

43 100

58 27.2 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

80000

60000

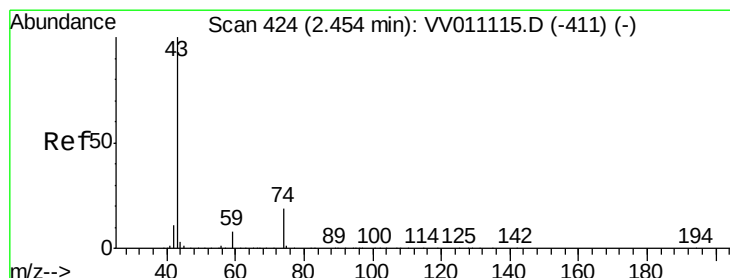
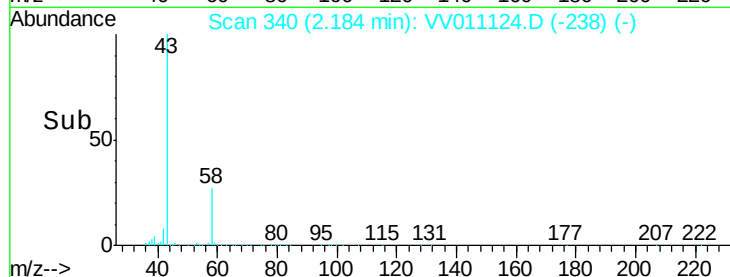
40000

20000

0

2.10 2.15 2.20 2.25

Time-->



#15

Methyl Acetate

Concen: 41.147 ug/L

RT: 2.45 min Scan# 423

Delta R.T. -0.00 min

Lab File: VV011124.D

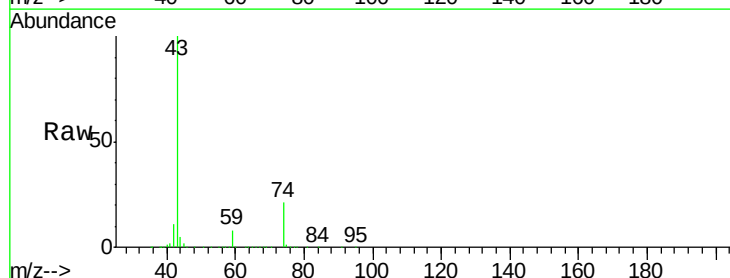
Acq: 30 May 2019 01:10

Tgt Ion: 43 Resp: 126692

Ion Ratio Lower Upper

43 100

74 22.0 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

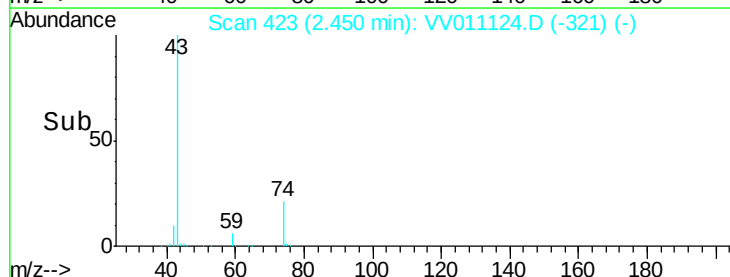
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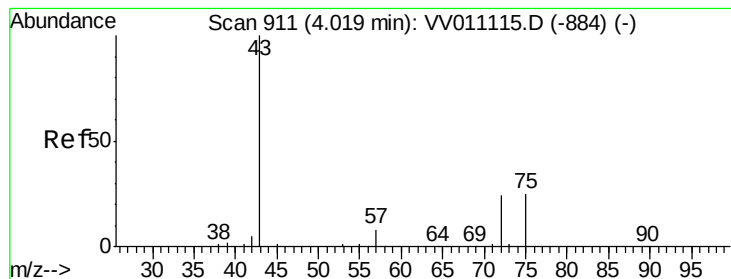
20000

0

2.40 2.45 2.50

Time-->





#21

2-Butanone

Concen: 4.676 ug/L

RT: 4.03 min Scan# 913

Delta R.T. 0.01 min

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Acq: 30 May 2019 01:10

Instrument :
MSVOA_V
ClientSampleId :
A51E7

Tot Ion: 43 Resp: 12284

Ion Ratio Lower Upper

43 100

72 12.6 10.7 31.9

