

Data File : VV011044.D
Acq On : 24 May 2019 01:20
Operator : SY/MD
Sample : K3016-09
Misc : 5.11G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51C8

Quant Time: May 24 09:06:39 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	96245	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	91671	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	28591	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	18944	17.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.08%
7) Chloroethane-d5	1.57	69	16513	22.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.92%
10) 1,1-Dichloroethene-d2	2.12	63	28209	13.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.48%
20) 2-Butanone-d5	3.93	46	30699	81.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	162.16%#
24) Chloroform-d	4.40	84	61874	24.82	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.28%
26) 1,2-Dichloroethane-d4	5.08	65	38330	26.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.36%
29) Benzene-d6	5.09	84	115812	23.14	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.56%
33) 1,2-Dichloropropane-d6	6.11	67	43568	27.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.60%
37) Toluene-d8	7.36	98	96819	20.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.24%
38) trans-1,3-Dichloropropene-	7.66	79	15019	23.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.00%
39) 2-Hexanone-d5	8.13	63	25128	84.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	169.44%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	46312	29.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.68%
61) 1,2-Dichlorobenzene-d4	11.67	152	26114	22.50	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.00%

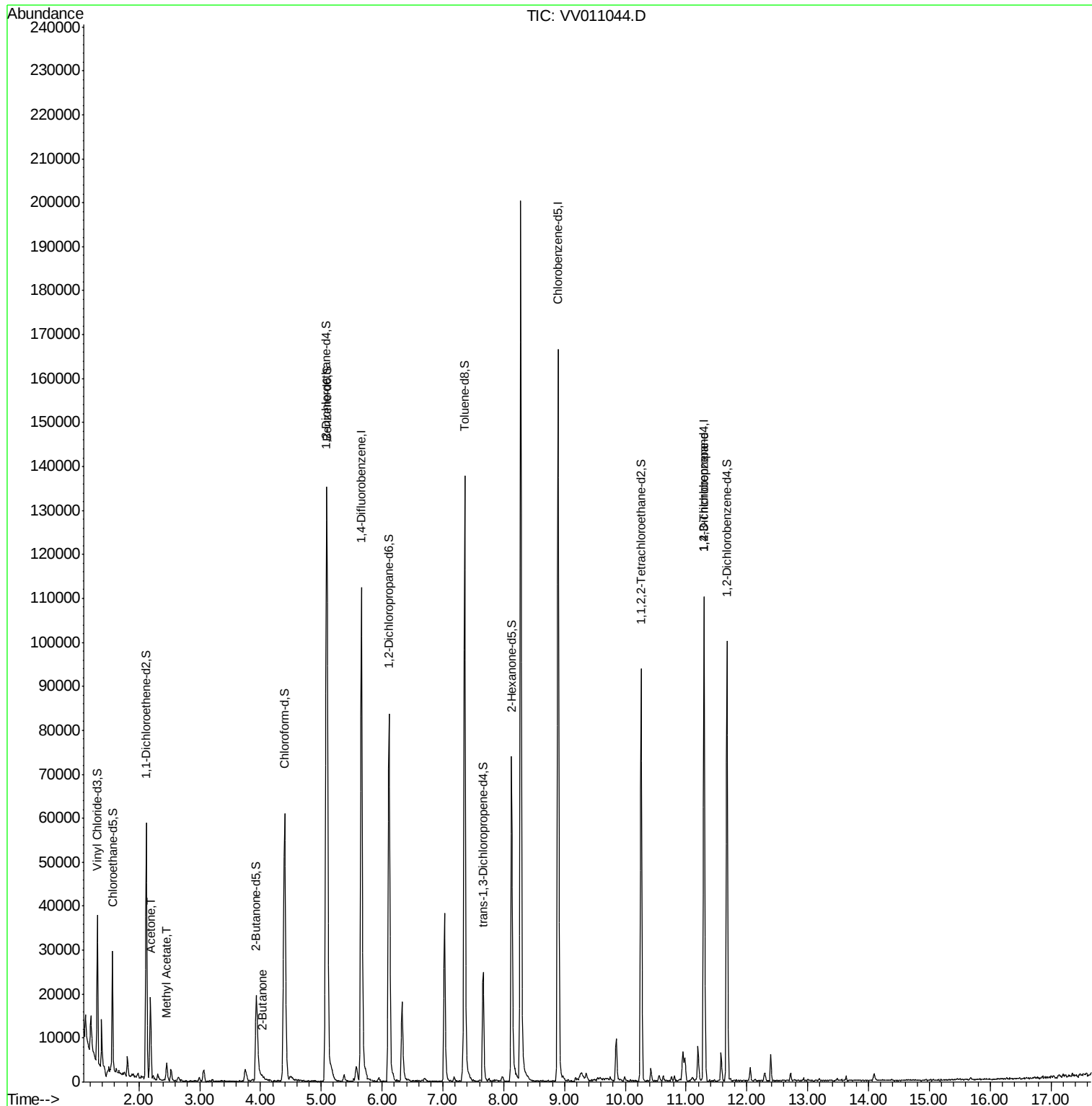
Target Compounds					Qvalue
13) Acetone	2.19	43	17215	47.151 ug/L	95
15) Methyl Acetate	2.46	43	4491	6.402 ug/L	94
21) 2-Butanone	4.03	43	1772	3.547 ug/L	79
59) 1,2,3-Trichloropropane	11.29	75	4138	3.615 ug/L	98

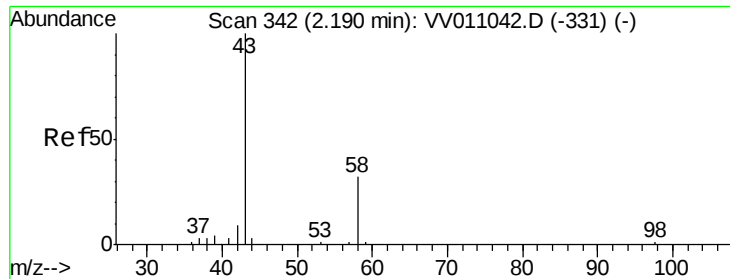
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 47.151 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampled :

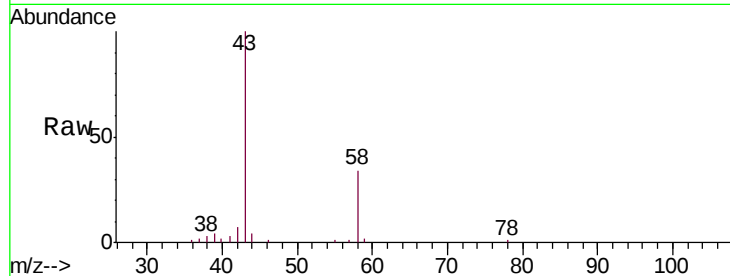
A51C8

Tgt Ion: 43 Resp: 17215

Ion Ratio Lower Upper

43 100

58 33.2 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VV011042.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV011042.D (-331) (-)

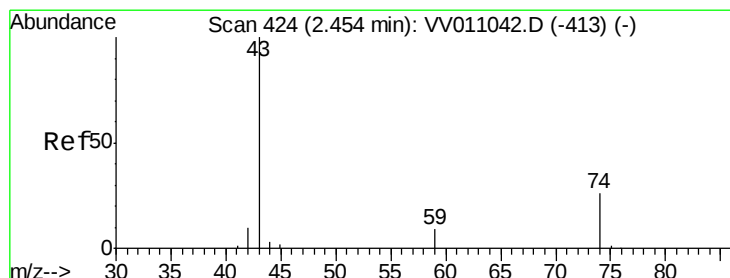
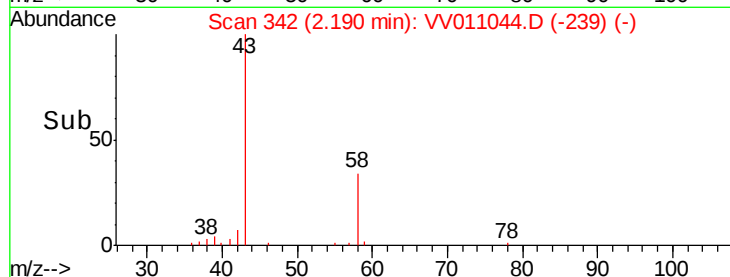
2.19

10000

5000

0

Time-->



#15

Methyl Acetate

Concen: 6.402 ug/L

RT: 2.46 min Scan# 426

Delta R.T. 0.01 min

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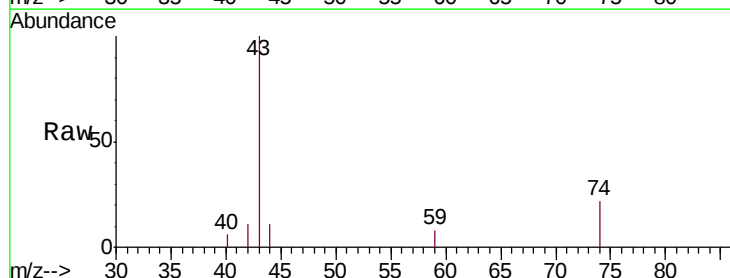
Acq: 24 May 2019 01:20

Tgt Ion: 43 Resp: 4491

Ion Ratio Lower Upper

43 100

74 23.1 21.1 31.7



Abundance Ion 43.00 (42.70 to 43.70): VV011044.D (-321) (-)

Ion 74.00 (73.70 to 74.70): VV011044.D (-321) (-)

2.46

3000

2500

2000

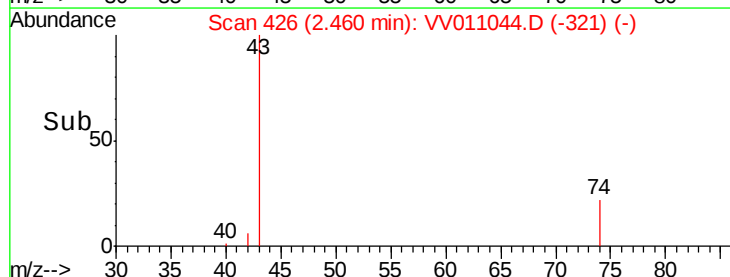
1500

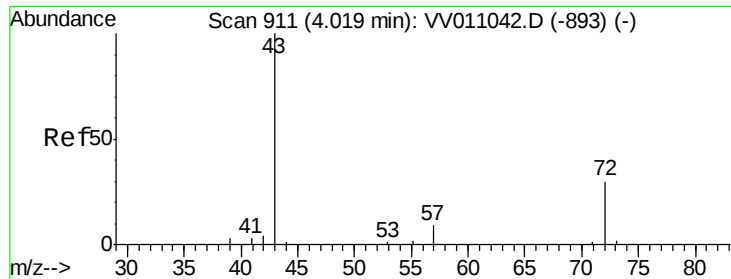
1000

500

0

Time-->





#21

2-Butanone

Concen: 3.547 ug/L

RT: 4.03 min Scan# 915

Delta R.T. 0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

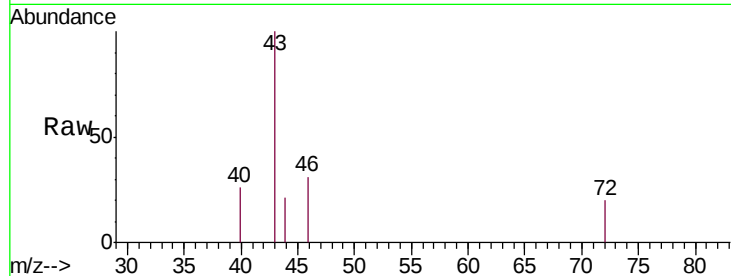
A51C8

Tgt Ion: 43 Resp: 1772

Ion Ratio Lower Upper

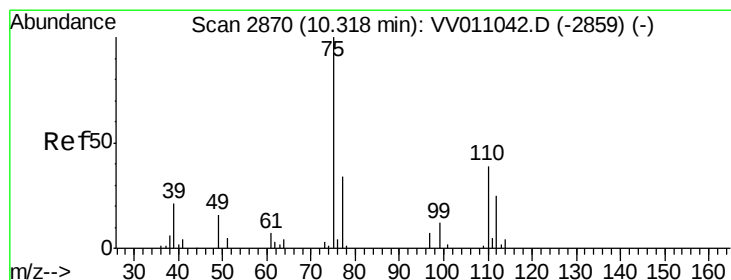
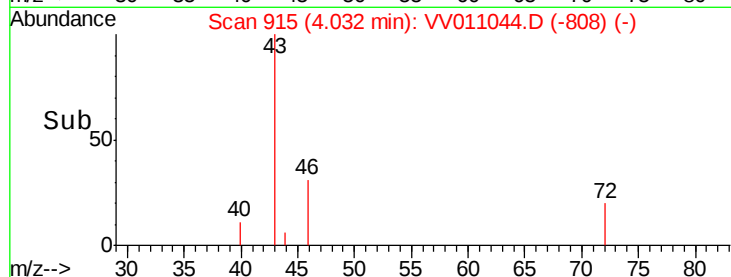
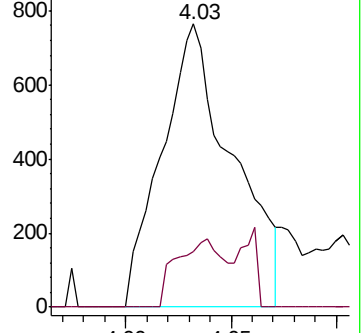
43 100

72 15.7 13.1 39.3



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 72.00 (71.70 to 72.70): VV0



#59

1,2,3-Trichloropropane

Concen: 3.615 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.97 min

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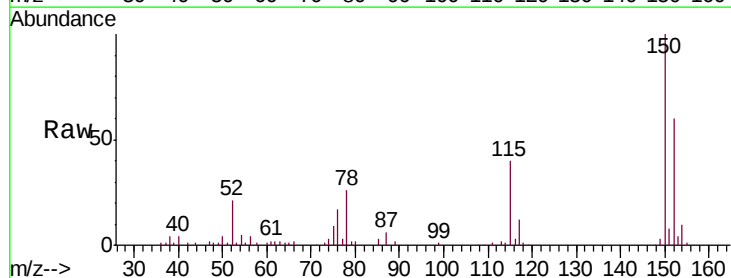
Acq: 24 May 2019 01:20

Tgt Ion: 75 Resp: 4138

Ion Ratio Lower Upper

75 100

77 33.1 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

