

Data File : VV011151.D
Acq On : 30 May 2019 22:25
Operator : SY/MD
Sample : K3083-03
Misc : 3.21G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51F6

Quant Time: May 31 01:49:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis
QLast Update : Fri May 31 01:43:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	278554	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	206596	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	49914	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	86351	22.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.64%
7) Chloroethane-d5	1.56	69	73377	25.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.32%
10) 1,1-Dichloroethene-d2	2.12	63	129751	16.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.08%
20) 2-Butanone-d5	3.94	46	78057	56.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.34%
24) Chloroform-d	4.40	84	180760	26.55	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.20%
26) 1,2-Dichloroethane-d4	5.08	65	115999	26.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.56%
29) Benzene-d6	5.09	84	361029	32.18	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	128.72%
33) 1,2-Dichloropropane-d6	6.11	67	119227	33.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	132.68%#
37) Toluene-d8	7.36	98	287585	27.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.68%
38) trans-1,3-Dichloropropene-	7.66	79	37163	22.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.36%
39) 2-Hexanone-d5	8.13	63	53725	65.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.52%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	81459	25.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.56%
61) 1,2-Dichlorobenzene-d4	11.67	152	43504	23.29	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.16%

Target Compounds

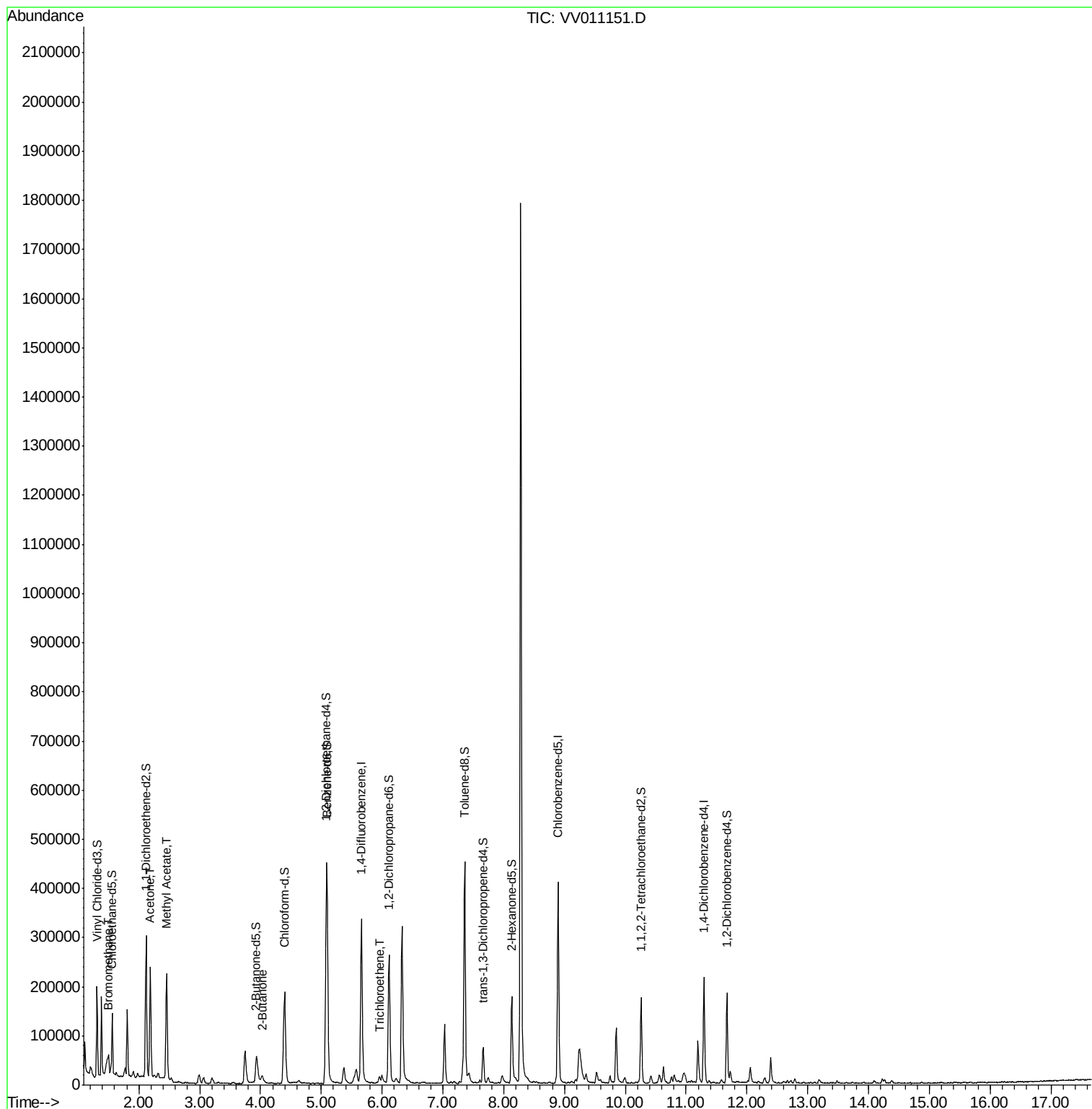
					Qvalue
6) Bromomethane	1.51	94	1750	0.740 ug/L	87
13) Acetone	2.19	43	213607	133.297 ug/L	100
15) Methyl Acetate	2.45	43	225043	93.328 ug/L	99
21) 2-Butanone	4.03	43	24953	13.273 ug/L	99
35) Trichloroethene	5.96	95	2794	0.870 ug/L	90

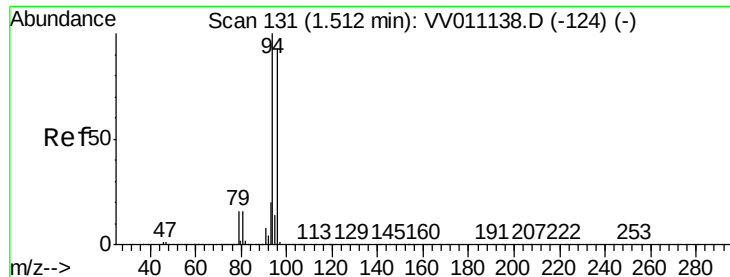
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Bromomethane

Concen: 0.740 ug/L

RT: 1.51 min Scan# 130

Delta R.T. -0.00 min

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MSVOA_V

ClientSampleId :

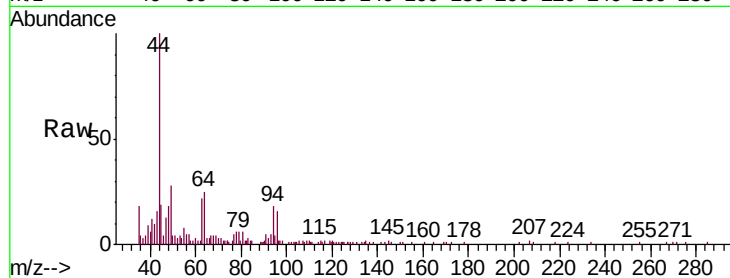
A51F6

Tgt Ion: 94 Resp: 1750

Ion Ratio Lower Upper

94 100

96 107.0 9.4 179.5



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0

1.51

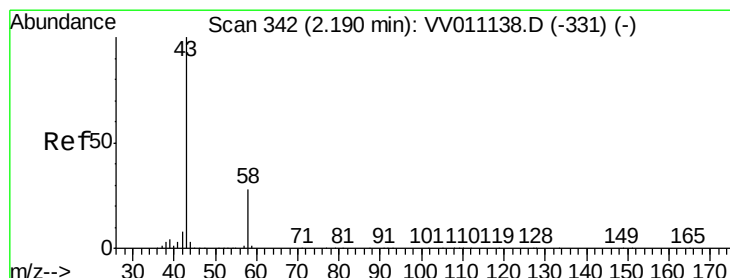
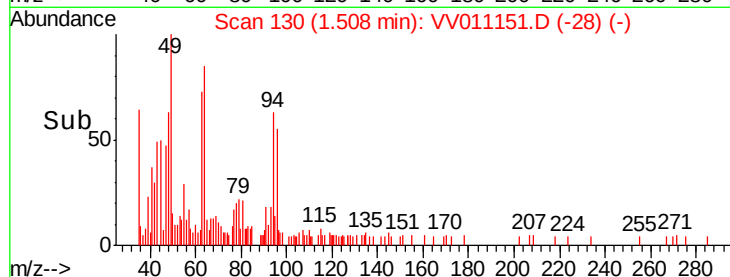
1500

1000

500

0

Time-->



#13

Acetone

Concen: 133.297 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.00 min

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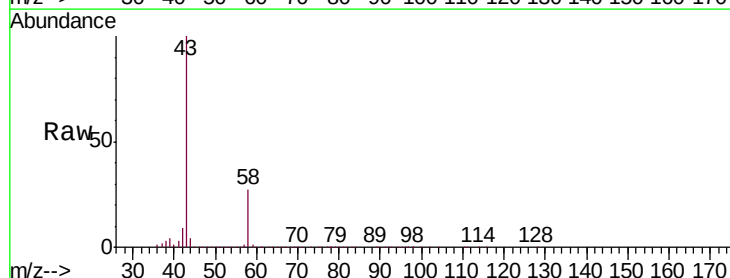
Acq: 30 May 2019 22:25

Tgt Ion: 43 Resp: 213607

Ion Ratio Lower Upper

43 100

58 26.7 0.0 53.8



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2.19

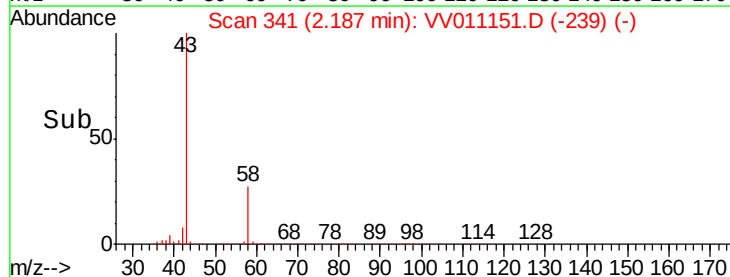
150000

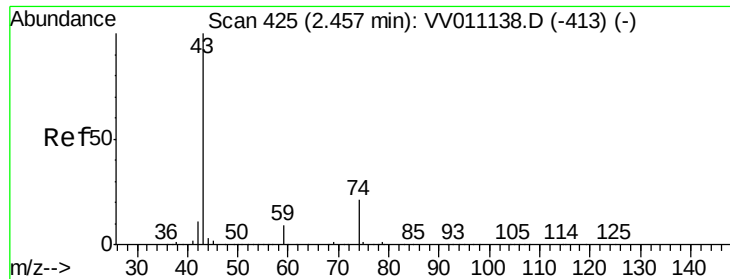
100000

50000

0

Time-->





#15

Methyl Acetate

Concen: 93.328 ug/L

RT: 2.45 min Scan# 424

Delta R.T. -0.00 min

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Acq: 30 May 2019 22:25

Instrument :

MSVOA_V

ClientSampleId :

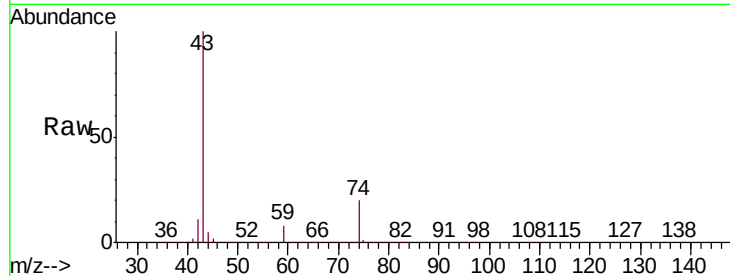
A51F6

Tgt Ion: 43 Resp: 225043

Ion Ratio Lower Upper

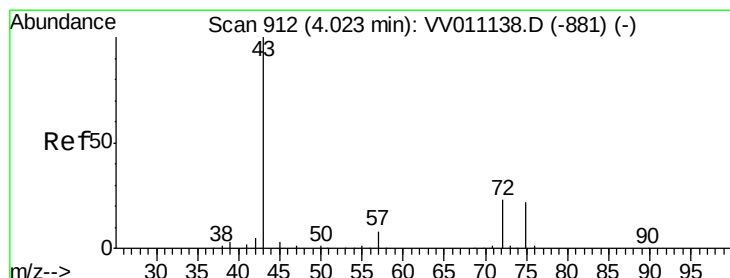
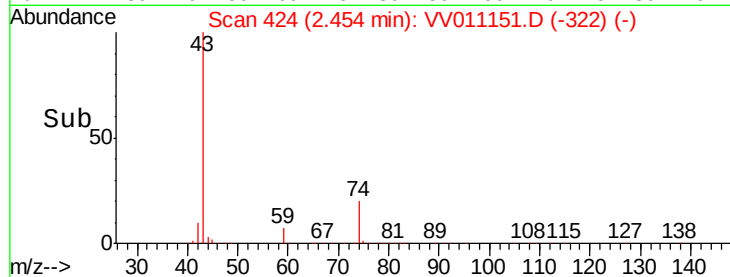
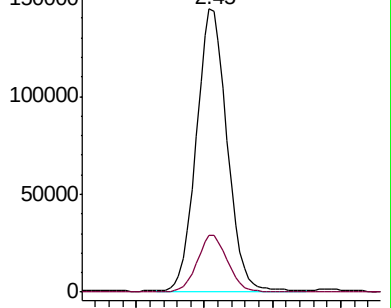
43 100

74 19.8 16.2 24.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 74.00 (73.70 to 74.70): VV0



#21

2-Butanone

Concen: 13.273 ug/L

RT: 4.03 min Scan# 913

Delta R.T. 0.00 min

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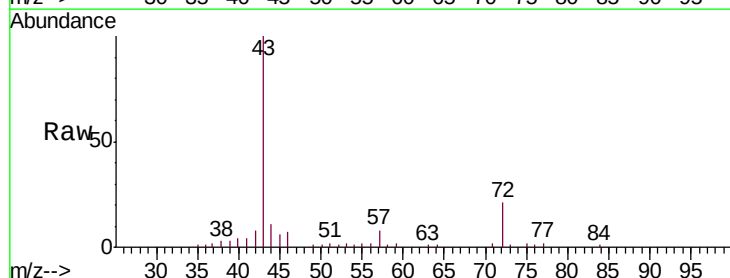
Acq: 30 May 2019 22:25

Tgt Ion: 43 Resp: 24953

Ion Ratio Lower Upper

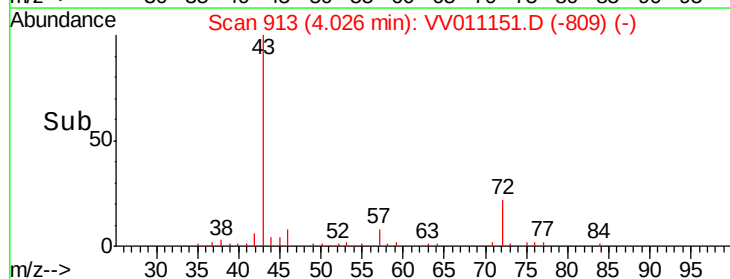
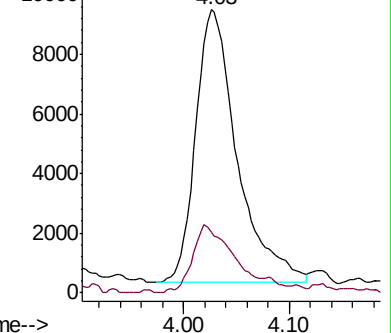
43 100

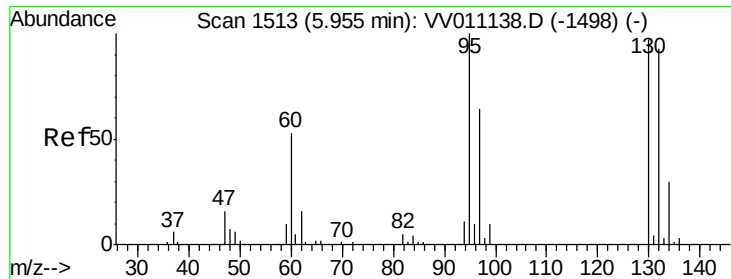
72 21.8 11.1 33.3



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 72.00 (71.70 to 72.70): VV0





#35

Trichloroethene

Concen: 0.870 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.01 min

Lab File: VV011151.D

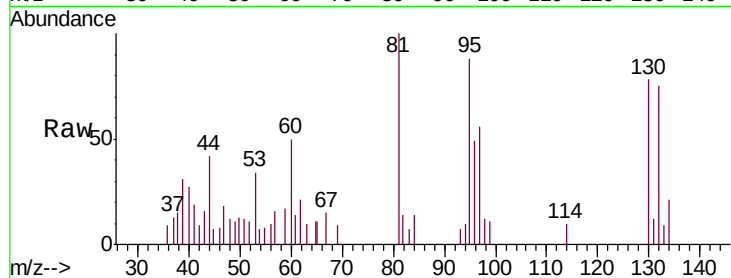
Acq: 30 May 2019 22:25

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Tgt Ion: 95 Resp: 2794

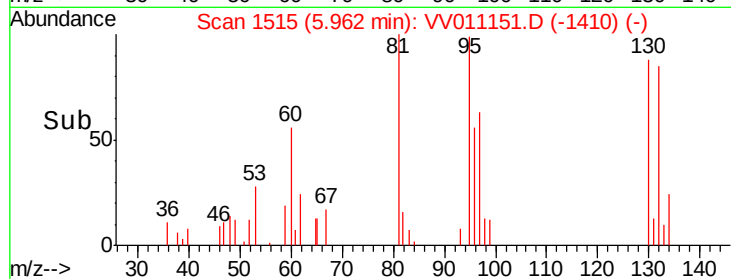
Ion Ratio Lower Upper

95 100

97 57.4 44.4 82.5

132 88.9 66.0 122.6

130 81.6 67.4 125.2



Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

