

Data File : VV011054.D
Acq On : 24 May 2019 05:59
Operator : SY/MD
Sample : K3016-22
Misc : 5.15G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51D9

Quant Time: May 24 09:08:10 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	99121	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	82412	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	21083	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	16008	14.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.68%
7) Chloroethane-d5	1.55	69	13381	17.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.96%
10) 1,1-Dichloroethene-d2	2.11	63	23466	10.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	43.20%#
20) 2-Butanone-d5	3.93	46	31909	81.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	163.68%#
24) Chloroform-d	4.39	84	53093	20.68	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.72%
26) 1,2-Dichloroethane-d4	5.07	65	31868	21.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.24%
29) Benzene-d6	5.09	84	96741	21.50	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.00%
33) 1,2-Dichloropropane-d6	6.11	67	35058	24.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.08%
37) Toluene-d8	7.36	98	70315	16.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	67.24%
38) trans-1,3-Dichloropropene-	7.66	79	10303	17.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.20%
39) 2-Hexanone-d5	8.13	63	23037	86.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	172.80%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	39591	27.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.96%
61) 1,2-Dichlorobenzene-d4	11.67	152	14936	17.45	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	69.80%#

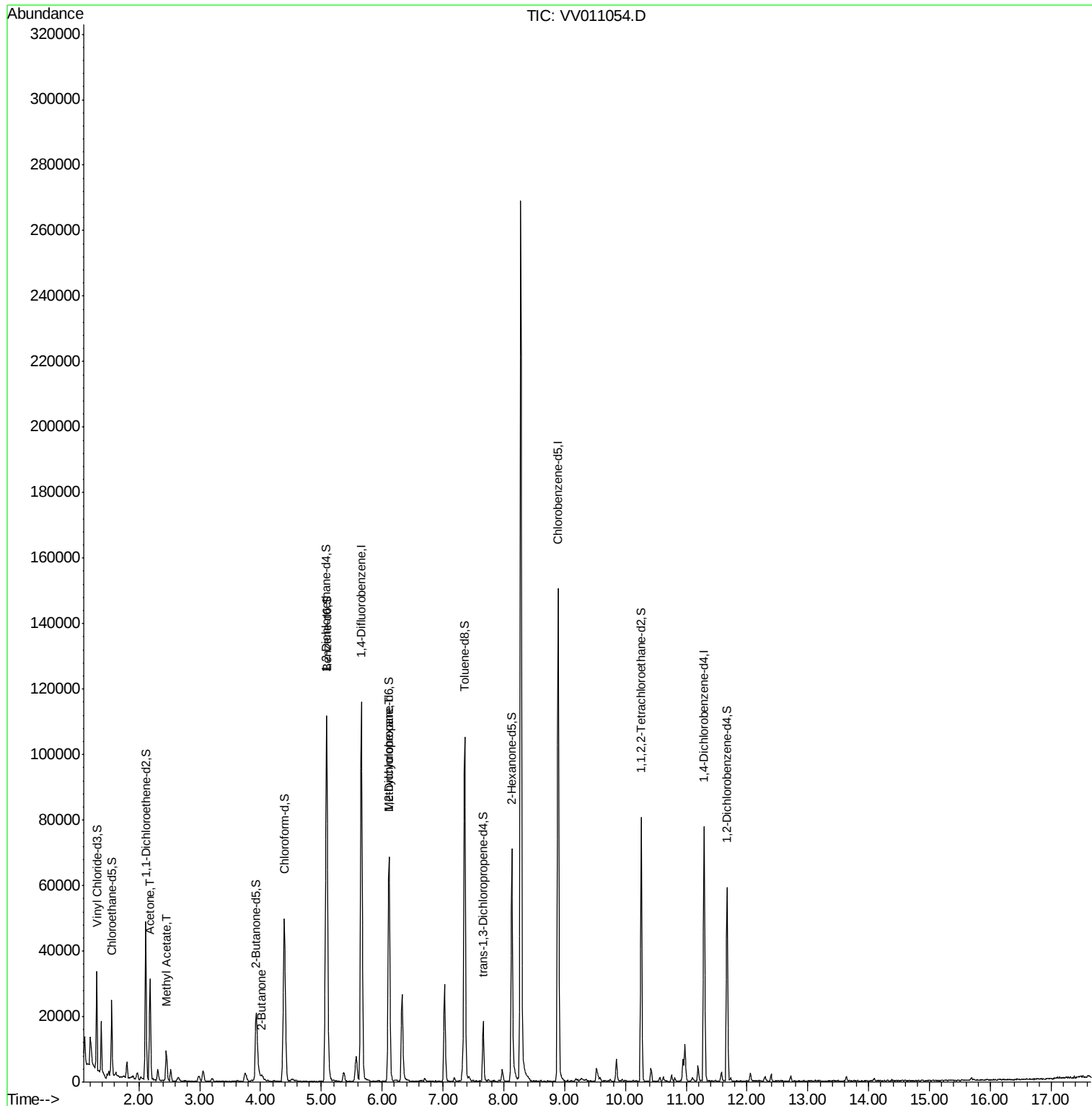
Target Compounds					Qvalue
13) Acetone	2.18	43	28469	75.712 ug/L	96
15) Methyl Acetate	2.45	43	9870	13.662 ug/L	96
21) 2-Butanone	4.02	43	2920	5.675 ug/L #	63
36) Methylcyclohexane	6.11	83	8491	4.376 ug/L #	38

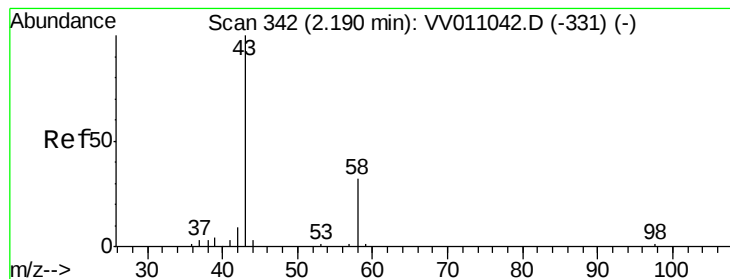
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 75.712 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.01 min

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MSVOA_V

ClientSampleId :

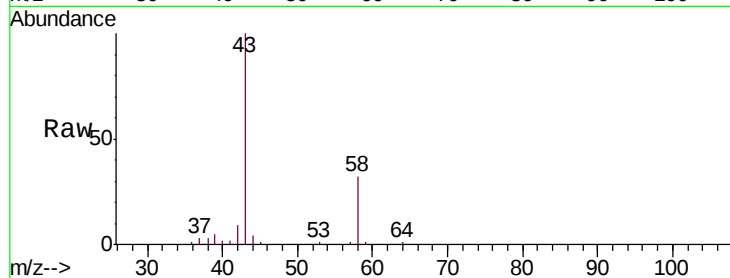
A51D9

Tgt Ion: 43 Resp: 28469

Ion Ratio Lower Upper

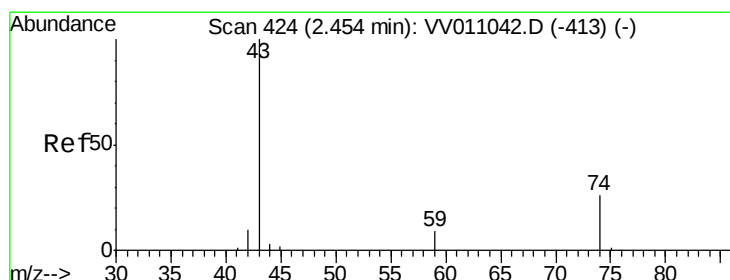
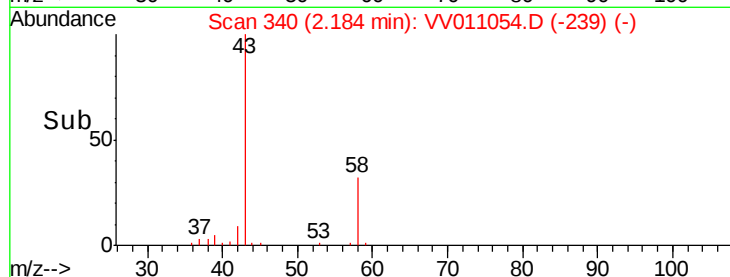
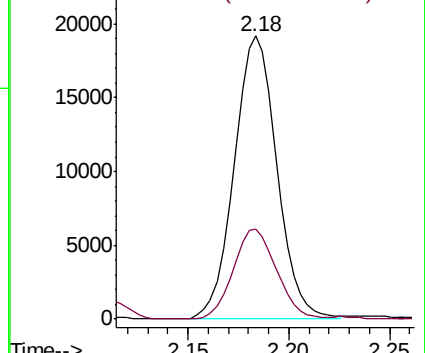
43 100

58 32.4 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) (-)



#15

Methyl Acetate

Concen: 13.662 ug/L

RT: 2.45 min Scan# 423

Delta R.T. -0.00 min

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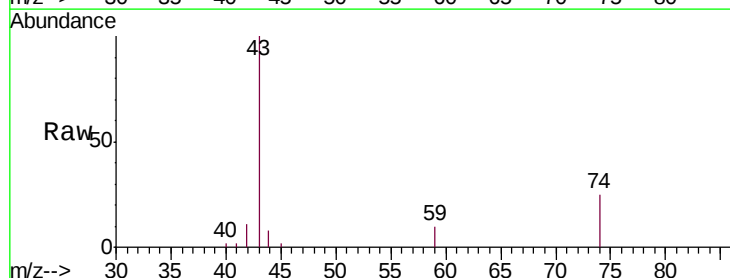
Acq: 24 May 2019 05:59

Tgt Ion: 43 Resp: 9870

Ion Ratio Lower Upper

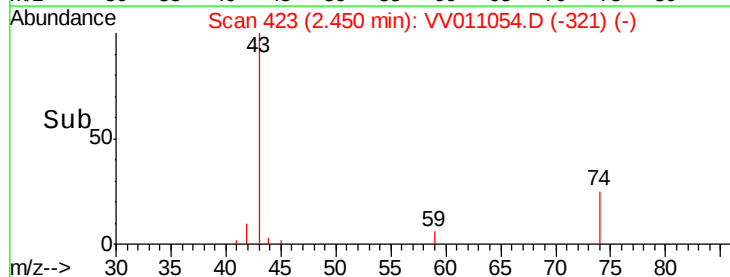
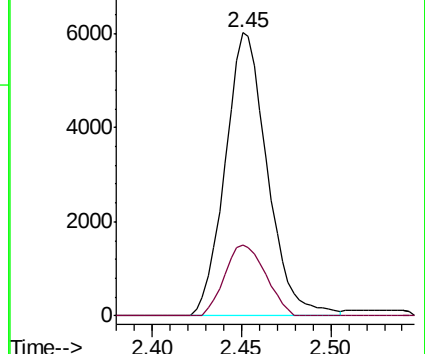
43 100

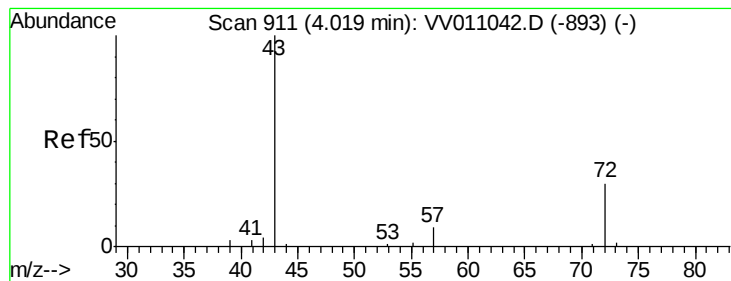
74 24.2 21.1 31.7



Abundance Ion 43.00 (42.70 to 43.70): VV011042.D (-413) (-)

Ion 74.00 (73.70 to 74.70): VV011042.D (-413) (-)





#21

2-Butanone

Concen: 5.675 ug/L

RT: 4.02 min Scan# 912

Delta R.T. 0.00 min

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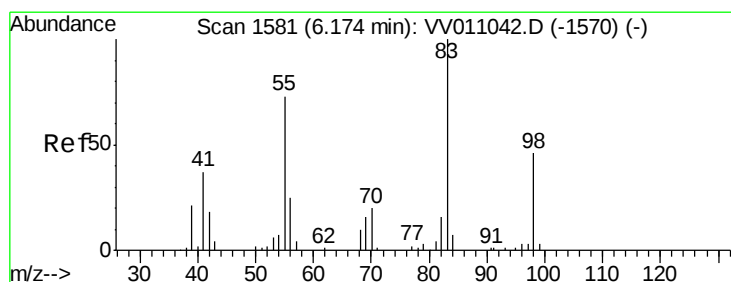
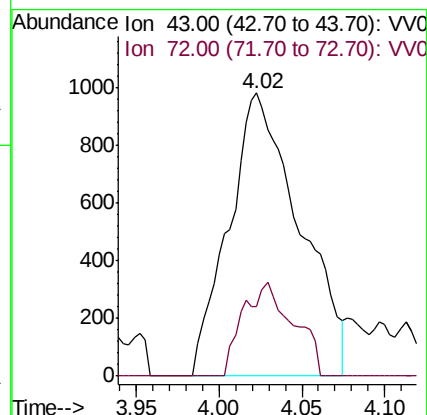
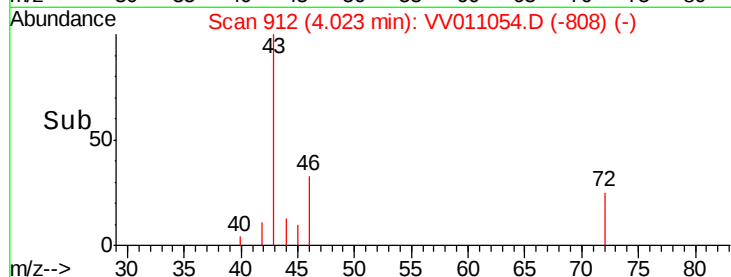
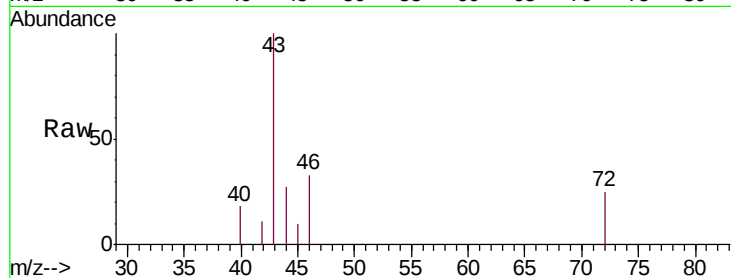
A51D9

Tgt Ion: 43 Resp: 2920

Ion Ratio Lower Upper

43 100

72 7.1 13.1 39.3#



#36

Methylcyclohexane

Concen: 4.376 ug/L

RT: 6.11 min Scan# 1561

Delta R.T. -0.06 min

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Tgt Ion: 83 Resp: 8491

Ion Ratio Lower Upper

83 100

55 23.3 57.0 85.4#

98 0.0 36.2 54.4#

