

Data File : VV009947.D
Acq On : 28 Mar 2019 00:47
Operator : SY/MD
Sample : K2128-09
Misc : 5.34G/10mL/MSVOA_V/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF1H9

Manual Integrations
APPROVED

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3/29/2019 1:13:06 PM

Quant Time: Mar 28 08:56:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 07:17:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	148120	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	119368	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	31511	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	79862	26.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.28%
7) Chloroethane-d5	1.55	69	93164	28.70	ug/L	-0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.80%
10) 1,1-Dichloroethene-d2	2.11	63	167398	20.36	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.44%
20) 2-Butanone-d5	3.92	46	40611	72.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	145.02%#
24) Chloroform-d	4.39	84	108901	28.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	115.44%
26) 1,2-Dichloroethane-d4	5.07	65	70338	30.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	123.88%
29) Benzene-d6	5.09	84	212108	33.84	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	135.36%#
33) 1,2-Dichloropropane-d6	6.11	67	68020	37.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	148.36%#
37) Toluene-d8	7.36	98	175307	29.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	118.20%
38) trans-1,3-Dichloropropene-	7.66	79	19389	25.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.36%
39) 2-Hexanone-d5	8.13	63	23938	69.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	139.86%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	55934	30.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	123.20%#
61) 1,2-Dichlorobenzene-d4	11.67	152	34134	28.45	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.80%

Target Compounds						Qvalue
13) Acetone	2.18	43	44106	52.010	ug/L	96
16) Methylene chloride	2.52	84	6238	2.557	ug/L	93
21) 2-Butanone	4.01	43	11144m	14.755	ug/L	

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

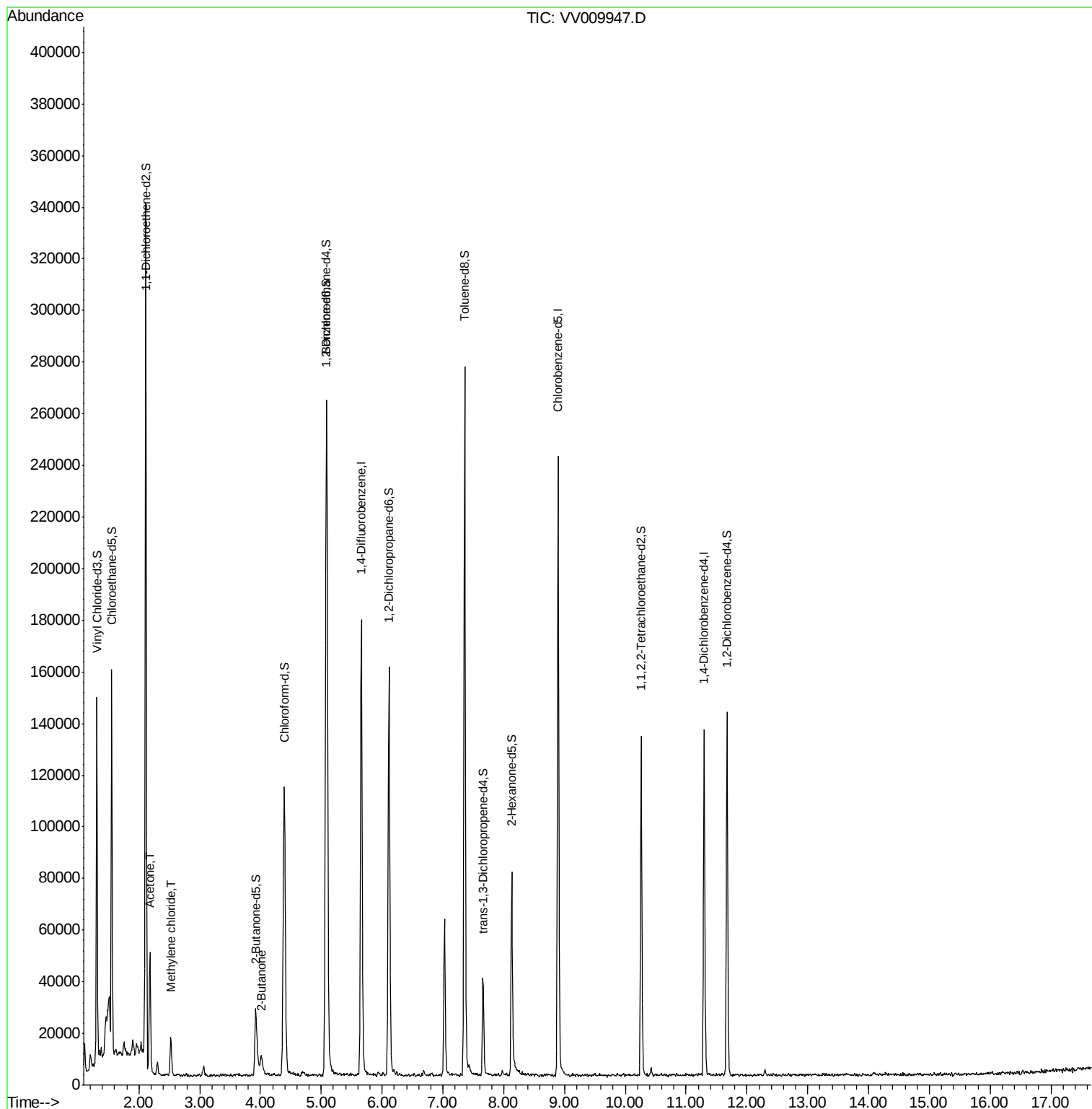
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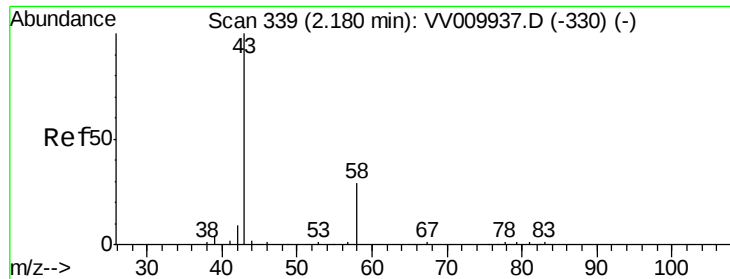
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#13

Acetone

Concen: 52.010 ug/L

RT: 2.18 min Scan# 339

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

BF1H9

Tgt Ion: 43 Resp: 44106

Ion Ratio Lower Upper

43 100

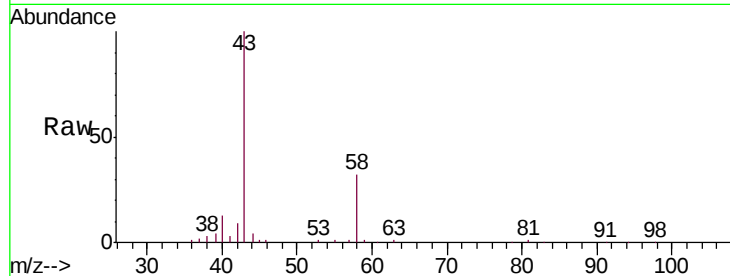
58 31.8 0.0 59.4

Manual Integrations

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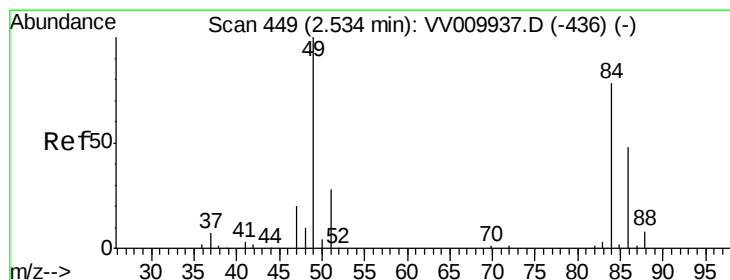
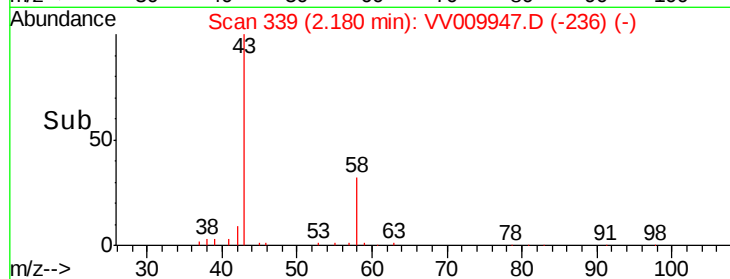
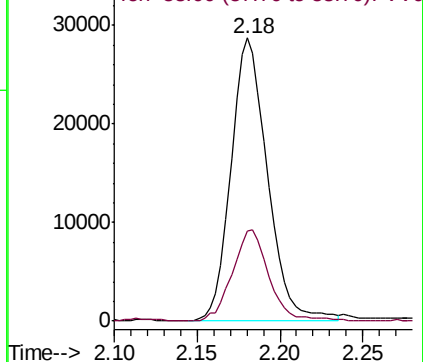
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Abundance Ion 43.00 (42.70 to 43.70): VV009947.D (-330) (-)

Ion 58.00 (57.70 to 58.70): VV009947.D (-330) (-)



#16

Methylene chloride

Concen: 2.557 ug/L

RT: 2.52 min Scan# 446

Delta R.T. -0.01 min

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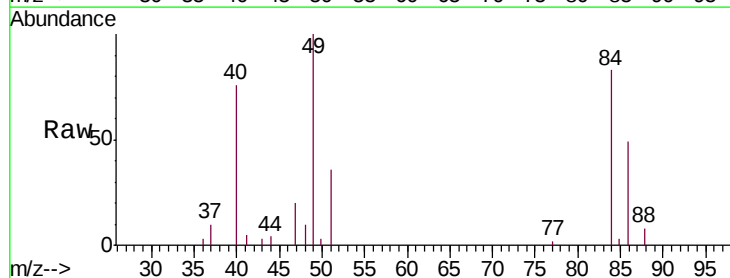
Tgt Ion: 84 Resp: 6238

Ion Ratio Lower Upper

84 100

49 120.7 90.4 167.8

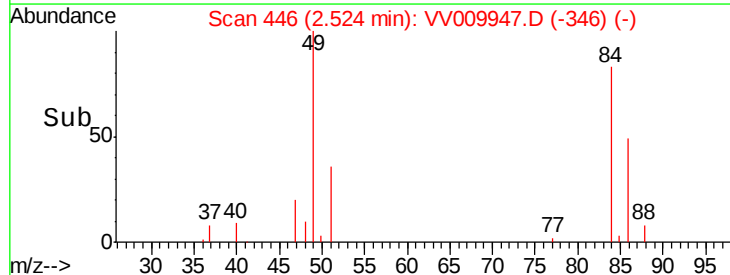
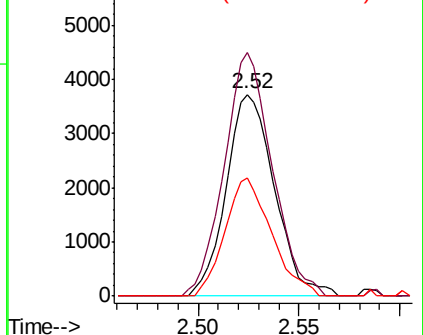
86 58.7 44.0 81.6

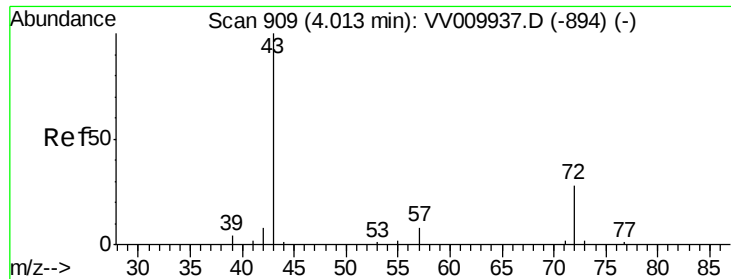


Abundance Ion 84.00 (83.70 to 84.70): VV009947.D (-346) (-)

Ion 49.00 (48.70 to 49.70): VV009947.D (-346) (-)

Ion 86.00 (85.70 to 86.70): VV009947.D (-346) (-)





#21
 2-Butanone
 Concen: 14.755 ug/L m
 RT: 4.01 min Scan# 908
 Delta R.T. -0.00 min
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 BF1H9

Tgt Ion: 43 Resp: 11144
 Ion Ratio Lower Upper
 43 100
 72 11.9 11.1 33.1

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