

Data File : VW014129.D
Acq On : 26 Nov 2019 12:30
Operator : SY/VA
Sample : K6007-08RE
Misc : 4.86G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BL6RE

Quant Time: Nov 27 07:07:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 27 06:15:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	227573	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	132875	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	25031	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	71499	19.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.76%
7) Chloroethane-d5	2.89	69	73928	25.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.44%
10) 1,1-Dichloroethene-d2	4.01	63	113152	15.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.72%
20) 2-Butanone-d5	7.07	46	62533	59.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.56%
24) Chloroform-d	7.65	84	203484	29.08	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	116.32%
26) 1,2-Dichloroethane-d4	8.30	65	94618	26.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.60%
29) Benzene-d6	8.27	84	402846	42.73	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	170.92%#
33) 1,2-Dichloropropane-d6	9.27	67	132095	47.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	191.32%#
37) Toluene-d8	10.32	98	281629	31.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	126.00%
38) trans-1,3-Dichloropropene-	10.58	79	21992	18.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.36%
39) 2-Hexanone-d5	10.92	63	36710	70.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	140.20%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	82983	39.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	159.16%#
61) 1,2-Dichlorobenzene-d4	13.85	152	34899	34.70	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	138.80%#

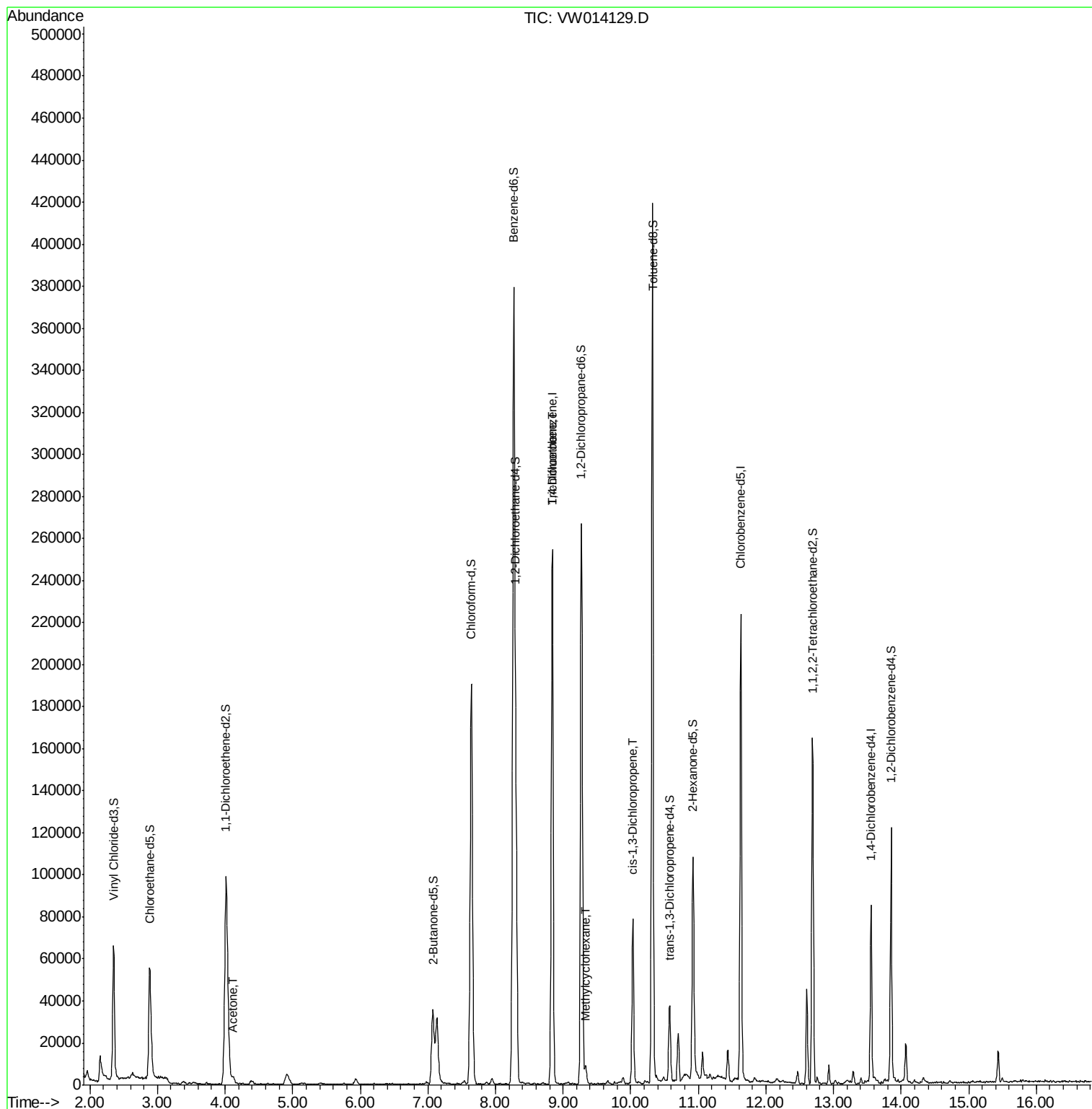
Target Compounds					Qvalue
13) Acetone	4.12	43	5438	5.066 ug/L	59
35) Trichloroethene	8.84	95	6273	2.413 ug/L #	2
36) Methylcyclohexane	9.33	83	2902	0.623 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	1831	0.495 ug/L #	25

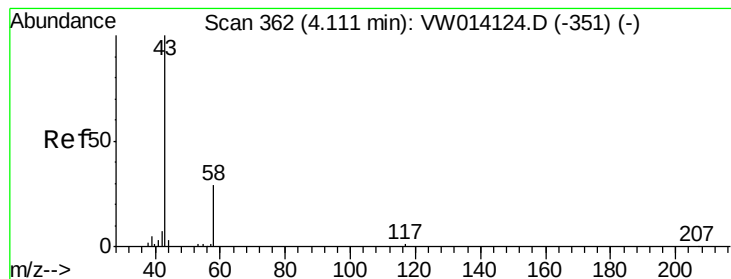
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.066 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

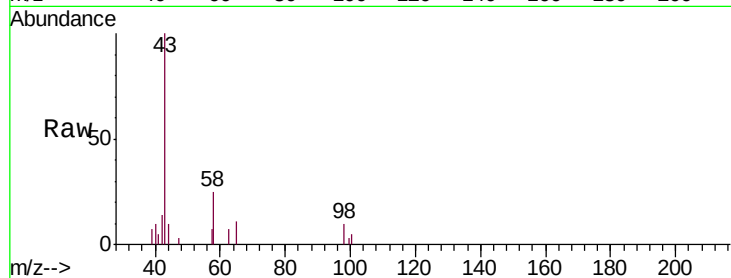
C0BL6RE

Tgt Ion: 43 Resp: 5438

Ion Ratio Lower Upper

43 100

58 9.6 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

1500

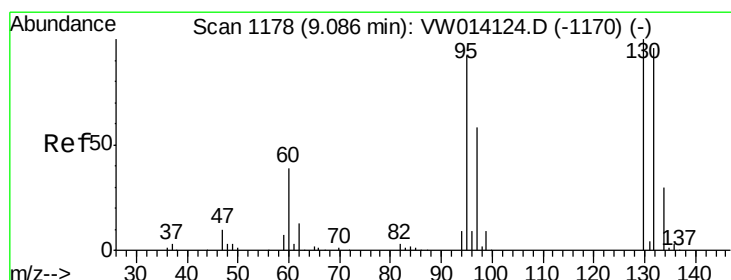
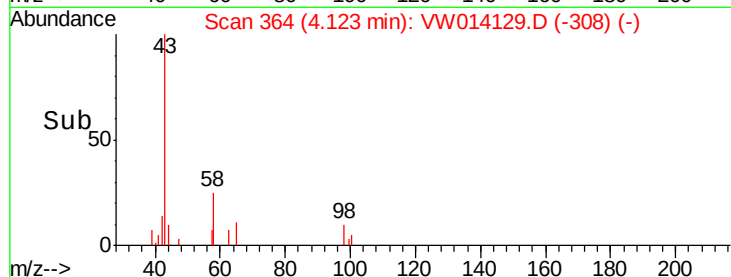
1000

500

0

4.05 4.10 4.15 4.20

Time-->



#35

Trichloroethene

Concen: 2.413 ug/L

RT: 8.84 min Scan# 1137

Delta R.T. -0.25 min

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Tgt Ion: 95 Resp: 6273

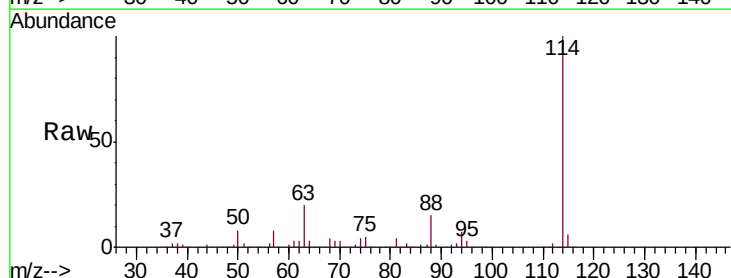
Ion Ratio Lower Upper

95 100

97 0.0 45.1 83.9#

132 0.0 73.7 136.9#

130 0.0 76.6 142.2#



Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

5000

4000

3000

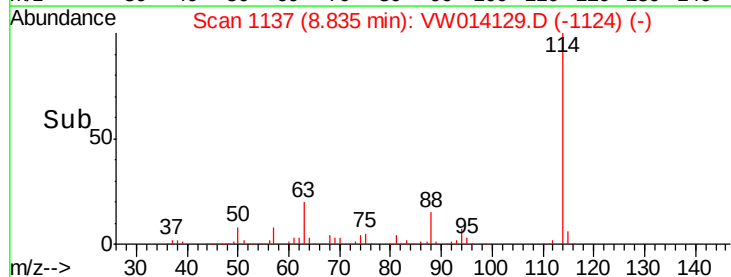
2000

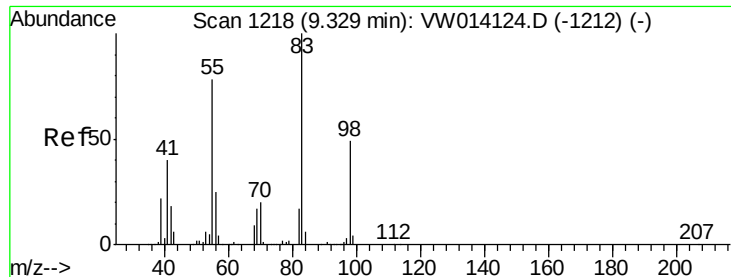
1000

0

8.80 8.85 8.90

Time-->

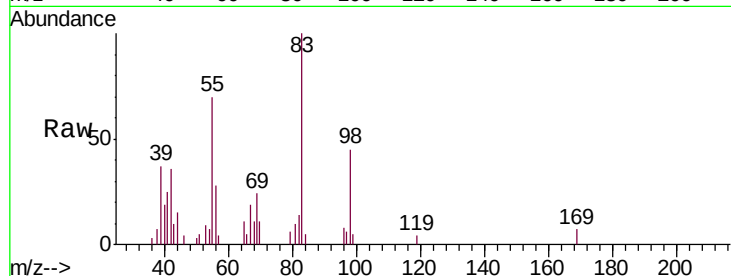




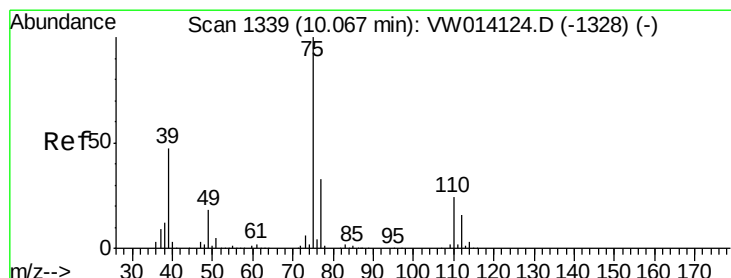
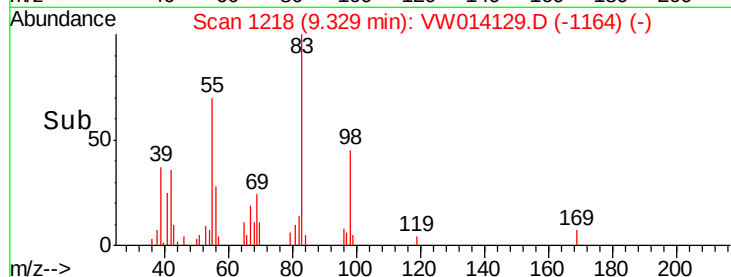
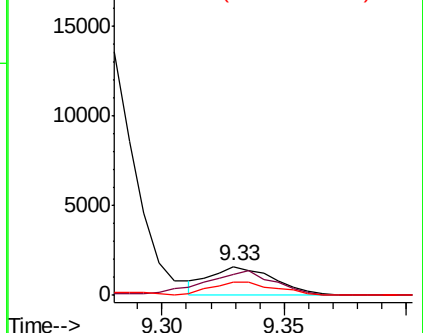
#36
Methylcyclohexane
Concen: 0.623 ug/L
RT: 9.33 min Scan# 1218
Delta R.T. -0.00 min
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Tgt Ion: 83 Resp: 2902
Ion Ratio Lower Upper
83 100
55 92.5 59.8 89.8#
98 47.1 39.5 59.3

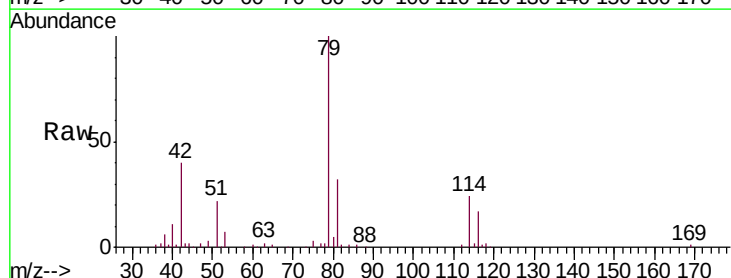


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW



#42
cis-1,3-Dichloropropene
Concen: 0.495 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.03 min
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Tgt Ion: 75 Resp: 1831
Ion Ratio Lower Upper
75 100
77 72.9 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VW
Ion 77.00 (76.70 to 77.70): VW

